

DEPARTMENT OF THE NAVY FISCAL YEAR (FY) 2022 BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES MAY 2021

<p>Military Construction Active Force (MCON) and Family Housing</p>

The estimated cost of this report for the Department of the Navy (DON) is \$66,890.

The estimated total cost for supporting the DON budget justification material is approximately \$3,919,738 for the 2021 fiscal year. This includes \$84,638 in supplies and \$3,835,100 in labor.

Part 1: Military Construction Active Force (MCON)

Part 2: Family Housing

Blank Page

DEPARTMENT OF THE NAVY
FISCAL YEAR (FY) 2022
BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES
MAY 2021

<p>Military Construction Active Force (MCON)</p>
--

Blank Page

DEPARTMENT OF THE NAVY

FY 2022 Military Construction

Table of Contents

A. MILITARY CONSTRUCTION (MILCON)

B. HOST COUNTRY IN-KIND CONTRIBUTIONS PROJECT

Blank Page

**DEPARTMENT OF THE NAVY
FY 2022 Military Construction**

Table of Contents

STATE LIST	i
INDEX OF LOCATIONS	iii
INDEX OF LOCATIONS (NAVY)	vii
INDEX OF LOCATIONS (MARINES)	ix
MISSION STATUS INDEX	xi
INSTALLATION INDEX	xiii
APPROPRIATION LANGUAGE	xv
SPECIAL PROGRAM CONSIDERATIONS	xvii
PROJECT JUSTIFICATIONS - INSIDE THE UNITED STATES	1
PROJECT JUSTIFICATIONS - OUTSIDE THE UNITED STATES	113
PLANNING AND DESIGN	199
UNSPECIFIED MINOR CONSTRUCTION	201

Blank Page

DEPARTMENT OF THE NAVY

FY 2022 Military Construction

Summary of Locations

<u>State/Country</u>	Auth Request (\$000)	Approp Request (\$000)
<u>Inside The United States</u>		
CALIFORNIA	19,907	175,686
MAINE	0	250,000
NEVADA	48,250	48,250
NORTH CAROLINA	321,417	363,617
VIRGINIA	468,923	318,653
Subtotal	858,497	1,156,206
<u>Outside the United States</u>		
GREECE	0	41,650
GUAM	558,417	685,617
JAPAN	49,900	65,192
Subtotal	608,317	792,459
<u>Various Locations</u>		
Various Locations	0	419,687
Subtotal	0	419,687
Total - FY 2022 Military Construction	1,466,814	2,368,352

Blank Page

DEPARTMENT OF THE NAVY

FY 2022 Military Construction

Index of Locations for Navy and Marine Corps Projects

State/ Cntry	Proj No.	Location	Auth Request (\$000)	Approp Request (\$000)	Mission	Page No.
<u>Inside the United States</u>						
CALIFORNIA						
		MARINE CORPS BASE CAMP PENDLETON <u>CAMP PENDLETON, CALIFORNIA</u>				
	1090B	I MEF Consolidated Information Center (INC)	0	19,869	New	3
		Subtotal	0	19,869		
		NAS LEMOORE CA <u>LEMOORE, CALIFORNIA</u>				
	391A	F-35C Hangar 6 Phase 2 (Mod 3/4) (INC)	0	75,070	New	13
		Subtotal	0	75,070		
		NAVBASE SAN DIEGO <u>SAN DIEGO, CALIFORNIA</u>				
	443A	Pier 6 Replacement (INC)	0	50,000	Current	21
		Subtotal	0	50,000		
		NAVBASE VENTURA CTY PT MUGU CA <u>SAN NICOLAS ISLAND, CALIFORNIA</u>				
	591	Directed Energy Weapons Test Facilities	19,907	19,907	Current	29
		Subtotal	19,907	19,907		
		NAVWPNSTA SEAL BEACH <u>SEAL BEACH, CALIFORNIA</u>				
	243A	Missile Magazines (INC)	0	10,840	Current	37
		Subtotal	0	10,840		
		Total - CALIFORNIA	19,907	175,686		
MAINE						
		NSS PORTSMOUTH NAVY SHIPYARD <u>KITTERY, MAINE</u>				
	381A	Multi-Mission Drydock #1 Extension (INC)	0	250,000	Current	45
		Subtotal	0	250,000		
		Total - MAINE	0	250,000		
NEVADA						
		NAS FALLON NV <u>FALLON, NEVADA</u>				
	445	Training Range Land Acquisition - Phase 2	48,250	48,250	Current	53
		Subtotal	48,250	48,250		
		Total - NEVADA	48,250	48,250		

DEPARTMENT OF THE NAVY

FY 2022 Military Construction

Index of Locations for Navy and Marine Corps Projects

State/ Cntry	Proj No.	Location	Auth Request (\$000)	Approp Request (\$000)	Mission	Page No.
<u>Inside the United States</u>						
NORTH CAROLINA						
		MARINE CORPS BASE CAMP LEJEUNE <u>CAMP LEJEUNE, NORTH CAROLINA</u>				
	1800B	II MEF Operations Center Replacement (INC)	0	42,200	Current	61
		Subtotal	0	42,200		
		MCAS CHERRY POINT NC <u>CHERRY POINT MCAS, NORTH CAROLINA</u>				
	197	Aircraft Maintenance Hangar	207,897	207,897	New	69
	239	F-35 Flightline Utilities Modernization Phase 2	113,520	113,520	New	75
		Subtotal	321,417	321,417		
		Total - NORTH CAROLINA	321,417	363,617		
VIRGINIA						
		NAVSTA NORFOLK VA <u>NORFOLK, VIRGINIA</u>				
	095	Submarine Pier 3 (INC)	269,693	88,923	New	83
		Subtotal	269,693	88,923		
		NAVAL SUPPORT STATION NRFK NSY <u>PORTSMOUTH, VIRGINIA</u>				
	678	Dry Dock Saltwater System for CVN-78	156,380	156,380	New	93
		Subtotal	156,380	156,380		
		MARINE CORPS BASE QUANTICO <u>QUANTICO, VIRGINIA</u>				
	656	Vehicle Inspection and Visitor Control Center	42,850	42,850	Current	101
	719A	Wargaming Center (INC)	0	30,500	Current	107
		Subtotal	42,850	73,350		
		Total - VIRGINIA	468,923	318,653		
		Total - Inside The United States	858,497	1,156,206		
<u>Outside the United States</u>						
GREECE						
		NAVSUPPACT SOUDA BAY GR <u>SOUDA BAY, GREECE</u>				
	903	EDI: Joint Mobility Processing Center	0	41,650	Current	115
		Subtotal	0	41,650		
		Total - GREECE	0	41,650		

DEPARTMENT OF THE NAVY

FY 2022 Military Construction

Index of Locations for Navy and Marine Corps Projects

State/ Cntry	Proj No.	Location	Auth Request (\$000)	Approp Request (\$000)	Mission	Page No.
<u>Outside the United States</u>						
GUAM						
		NAVBASE GUAM				
		<u>JOINT REGION MARIANAS, GUAM</u>				
	305	4th Marines Regiment Facilities	109,507	109,507	New	123
	306	Combat Logistics Battalion-4 Facility	92,710	92,710	New	129
	307	Consolidated Armory	43,470	43,470	New	135
	310	Infantry Battalion Company HQ	44,100	44,100	New	141
	314	Marine Expeditionary Brigade Enablers	66,830	66,830	New	147
	326	Principal End Item (PEI) Warehouse	47,110	47,110	New	153
	459B	Bachelor Enlisted Quarters H (Inc)	0	43,200	New	159
	519	X-Ray Wharf Berth 2	103,800	103,800	Current	165
	649A	Joint Communication Upgrade (INC)	0	84,000	Current	171
		Subtotal	507,527	634,727		
		US NAVSUPACT ANDERSEN GUAM				
		<u>JOINT REGION MARIANAS, GUAM</u>				
	280	Aviation Admin Building	50,890	50,890	Current	181
		Subtotal	50,890	50,890		
		Total - GUAM	558,417	685,617		
JAPAN						
		COMFLEACT YOKOSUKA JA				
		<u>YOKOSUKA, JAPAN</u>				
	030B	Pier 5 (Berths 2 and 3) (INC)	0	15,292	Current	189
	039	Ship Handling & Combat Training Facilities	49,900	49,900	Current	193
		Subtotal	49,900	65,192		
		Total - JAPAN	49,900	65,192		
		Total - Outside The United States	608,317	792,459		
<u>Various Locations</u>						
	232	MCON Design	0	363,252	Current	199
	222	MCON Unspecified Minor Construction	0	56,435	Current	201
		Total - Various Locations	0	419,687		
		Grand Total	1,466,814	2,368,352		

Blank Page

DEPARTMENT OF THE NAVY

FY 2022 Military Construction

Index of Locations for Navy Projects

State/ Cntry	Proj No.	Location	Auth Request (\$000)	Approp Request (\$000)	Mission	Page No.
<u>Inside the United States</u>						
CALIFORNIA						
		NAS LEMOORE CA <u>LEMOORE, CALIFORNIA</u>				
	391A	F-35C Hangar 6 Phase 2 (Mod 3/4) (INC)	0	75,070	New	13
		Subtotal	0	75,070		
		NAVBASE SAN DIEGO <u>SAN DIEGO, CALIFORNIA</u>				
	443A	Pier 6 Replacement (INC)	0	50,000	Current	21
		Subtotal	0	50,000		
		NAVBASE VENTURA CTY PT MUGU CA <u>SAN NICOLAS ISLAND, CALIFORNIA</u>				
	591	Directed Energy Weapons Test Facilities	19,907	19,907	Current	29
		Subtotal	19,907	19,907		
		NAVWPNSTA SEAL BEACH <u>SEAL BEACH, CALIFORNIA</u>				
	243A	Missile Magazines (INC)	0	10,840	Current	37
		Subtotal	0	10,840		
		Total - CALIFORNIA	19,907	155,817		
MAINE						
		NSS PORTSMOUTH NAVY SHIPYARD <u>KITTERY, MAINE</u>				
	381A	Multi-Mission Drydock #1 Extension (INC)	0	250,000	Current	45
		Subtotal	0	250,000		
		Total - MAINE	0	250,000		
NEVADA						
		NAS FALLON NV <u>FALLON, NEVADA</u>				
	445	Training Range Land Acquisition - Phase 2	48,250	48,250	Current	53
		Subtotal	48,250	48,250		
		Total - NEVADA	48,250	48,250		

DEPARTMENT OF THE NAVY

FY 2022 Military Construction

Index of Locations for Navy Projects

State/ Cntry	Proj No.	Location	Auth Request (\$000)	Approp Request (\$000)	Mission	Page No.
<u>Inside the United States</u>						
VIRGINIA						
		NAVSTA NORFOLK VA <u>NORFOLK, VIRGINIA</u>				
	095	Submarine Pier 3 (INC)	269,693	88,923	New	83
		Subtotal	269,693	88,923		
		NAVAL SUPPORT STATION NRFK NSY <u>PORTSMOUTH, VIRGINIA</u>				
	678	Dry Dock Saltwater System for CVN-78	156,380	156,380	New	93
		Subtotal	156,380	156,380		
		Total - VIRGINIA	426,073	245,303		
		Total - Inside The United States	494,230	699,370		
<u>Outside the United States</u>						
GREECE						
		NAVSUPACT SOUDA BAY GR <u>SOUDA BAY, GREECE</u>				
	903	EDI: Joint Mobility Processing Center	0	41,650	Current	115
		Subtotal	0	41,650		
		Total - GREECE	0	41,650		
GUAM						
		NAVBASE GUAM <u>JOINT REGION MARIANAS, GUAM</u>				
	519	X-Ray Wharf Berth 2	103,800	103,800	Current	165
	649A	Joint Communication Upgrade (INC)	0	84,000	Current	171
		Subtotal	103,800	187,800		
		Total - GUAM	103,800	187,800		
JAPAN						
		COMFLEACT YOKOSUKA JA <u>YOKOSUKA, JAPAN</u>				
	030B	Pier 5 (Berths 2 and 3) (INC)	0	15,292	Current	189
	039	Ship Handling & Combat Training Facilities	49,900	49,900	Current	193
		Subtotal	49,900	65,192		
		Total - JAPAN	49,900	65,192		
		Total - Outside The United States	153,700	294,642		
<u>Various Locations</u>						
	232	MCON Design	0	363,252	Current	199
	222	MCON Unspecified Minor Construction	0	56,435	Current	201
		Total - Various Locations	0	419,687		

**DEPARTMENT OF THE NAVY
FY 2022 Military Construction**

Index of Locations for Marine Corps Projects

State/ Cntry	Proj No.	Location	Auth Request (\$000)	Approp Request (\$000)	Mission	Page No.
<u>Inside the United States</u>						
CALIFORNIA						
		MARINE CORPS BASE CAMP PENDLETON <u>CAMP PENDLETON, CALIFORNIA</u>				
	1090B	I MEF Consolidated Information Center (INC)	0	19,869	New	3
		Subtotal	0	19,869		
		Total - CALIFORNIA	0	19,869		
NORTH CAROLINA						
		MARINE CORPS BASE CAMP LEJEUNE <u>CAMP LEJEUNE, NORTH CAROLINA</u>				
	1800B	II MEF Operations Center Replacement (INC)	0	42,200	Current	61
		Subtotal	0	42,200		
		MCAS CHERRY POINT NC <u>CHERRY POINT MCAS, NORTH CAROLINA</u>				
	197	Aircraft Maintenance Hangar	207,897	207,897	New	69
	239	F-35 Flightline Utilities Modernization Phase 2	113,520	113,520	New	75
		Subtotal	321,417	321,417		
		Total - NORTH CAROLINA	321,417	363,617		
VIRGINIA						
		MARINE CORPS BASE QUANTICO <u>QUANTICO, VIRGINIA</u>				
	656	Vehicle Inspection and Visitor Control Center	42,850	42,850	Current	101
	719A	Wargaming Center (INC)	0	30,500	Current	107
		Subtotal	42,850	73,350		
		Total - VIRGINIA	42,850	73,350		
		Total - Inside The United States	364,267	456,836		
<u>Outside the United States</u>						

DEPARTMENT OF THE NAVY
FY 2022 Military Construction

Index of Locations for Marine Corps Projects

State/ Cntry	Proj No.	Location	Auth Request (\$000)	Approp Request (\$000)	Mission	Page No.
<u>Outside the United States</u>						
GUAM						
		NAVBASE GUAM				
		<u>JOINT REGION MARIANAS, GUAM</u>				
	305	4th Marines Regiment Facilities	109,507	109,507	New	123
	306	Combat Logistics Batallion-4 Facility	92,710	92,710	New	129
	307	Consolidated Armory	43,470	43,470	New	135
	310	Infantry Battalion Company HQ	44,100	44,100	New	141
	314	Marine Expeditionary Brigade Enablers	66,830	66,830	New	147
	326	Principal End Item (PEI) Warehouse	47,110	47,110	New	153
	459B	Bachelor Enlisted Quarters H (Inc)	0	43,200	New	159
		Subtotal	403,727	446,927		
		US NAVSUPACT ANDERSEN GUAM				
		<u>JOINT REGION MARIANAS, GUAM</u>				
	280	Aviation Admin Building	50,890	50,890	Current	181
		Subtotal	50,890	50,890		
		Total - GUAM	454,617	497,817		
		Total - Outside The United States	454,617	497,817		

DEPARTMENT OF THE NAVY

FY 2022 Military Construction

Mission Status Index

Installation/Location	Proj No.	Project Title	Approp Request (\$000)	Mission Status
<u>Inside the United States</u>				
<u>CALIFORNIA</u>				
MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA	1090B	I MEF Consolidated Information Center (INC)	19,869	New
NAS LEMOORE CA LEMOORE, CALIFORNIA	391A	F-35C Hangar 6 Phase 2 (Mod 3/4) (INC)	75,070	New
NAVBASE SAN DIEGO SAN DIEGO, CALIFORNIA	443A	Pier 6 Replacement (INC)	50,000	Current
NAVBASE VENTURA CTY PT MUGU CA SAN NICOLAS ISLAND, CALIFORNIA	591	Directed Energy Weapons Test Facilities	19,907	Current
NAVWPNSTA SEAL BEACH SEAL BEACH, CALIFORNIA	243A	Missile Magazines (INC)	10,840	Current
<u>MAINE</u>				
NSS PORTSMOUTH NAVY SHIPYARD KITTERY, MAINE	381A	Multi-Mission Drydock #1 Extension (INC)	250,000	Current
<u>NEVADA</u>				
NAS FALLON NV FALLON, NEVADA	445	Training Range Land Acquisition - Phase 2	48,250	Current
<u>NORTH CAROLINA</u>				
MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA	1800B	II MEF Operations Center Replacement (INC)	42,200	Current
MCAS CHERRY POINT NC CHERRY POINT MCAS, NORTH CAROLINA	197	Aircraft Maintenance Hangar	207,897	New
	239	F-35 Flightline Utilities Modernization Phase 2	113,520	New
<u>VIRGINIA</u>				
NAVSTA NORFOLK VA NORFOLK, VIRGINIA	095	Submarine Pier 3 (INC)	88,923	New
NAVAL SUPPORT STATION NRFK NSY PORTSMOUTH, VIRGINIA	678	Dry Dock Saltwater System for CVN- 78	156,380	New
MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA	656	Vehicle Inspection and Visitor Control Center	42,850	Current
	719A	Wargaming Center (INC)	30,500	Current
<u>Outside the United States</u>				
<u>GREECE</u>				
NAVSUPPACT SOUDA BAY GR SOUDA BAY, GREECE	903	EDI: Joint Mobility Processing Center	41,650	Current

DEPARTMENT OF THE NAVY

FY 2022 Military Construction

Mission Status Index

Installation/Location	Proj No.	Project Title	Approp Request (\$000)	Mission Status
<u>Outside the United States</u>				
<u>GUAM</u>				
NAVBASE GUAM	305	4th Marines Regiment Facilities	109,507	New
JOINT REGION MARIANAS, GUAM	306	Combat Logistics Battalion-4 Facility	92,710	New
	307	Consolidated Armory	43,470	New
	310	Infantry Battalion Company HQ	44,100	New
	314	Marine Expeditionary Brigade Enablers	66,830	New
	326	Principal End Item (PEI) Warehouse	47,110	New
	459B	Bachelor Enlisted Quarters H (Inc)	43,200	New
	519	X-Ray Wharf Berth 2	103,800	Current
	649A	Joint Communication Upgrade (INC)	84,000	Current
US NAVSUPACT ANDERSEN GUAM	280	Aviation Admin Building	50,890	Current
JOINT REGION MARIANAS, GUAM				
<u>JAPAN</u>				
COMFLEACT YOKOSUKA JA	030B	Pier 5 (Berths 2 and 3) (INC)	15,292	Current
YOKOSUKA, JAPAN	039	Ship Handling & Combat Training Facilities	49,900	Current
<u>Various Locations</u>				
<u>VARIOUS LOCATIONS</u>				
Various Locations	232	MCON Design	363,252	Current
Various Locations	222	MCON Unspecified Minor Construction	56,435	Current

DEPARTMENT OF THE NAVY
FY 2022 Military Construction
Installation Index

Installation	Location	DD1390 PageNo.
	<u>C</u>	
MARINE CORPS BASE CAMP LEJEUNE	CAMP LEJEUNE, NORTH CAROLINA	59
MARINE CORPS BASE CAMP PENDLETON	CAMP PENDLETON, CALIFORNIA	1
MCAS CHERRY POINT NC	CHERRY POINT MCAS, NORTH CAROLINA	67
	<u>F</u>	
NAS FALLON NV	FALLON, NEVADA	51
	<u>K</u>	
NSS PORTSMOUTH NAVY SHIPYARD	KITTERY, MAINE	43
	<u>L</u>	
NAS LEMOORE CA	LEMOORE, CALIFORNIA	11
	<u>N</u>	
NAVSTA NORFOLK VA	NORFOLK, VIRGINIA	81
	<u>P</u>	
NAVAL SUPPORT STATION NRFK NSY	PORTSMOUTH, VIRGINIA	91
	<u>Q</u>	
MARINE CORPS BASE QUANTICO	QUANTICO, VIRGINIA	99
	<u>S</u>	
NAVBASE SAN DIEGO	SAN DIEGO, CALIFORNIA	19
NAVBASE VENTURA CTY PT MUGU CA	SAN NICOLAS ISLAND, CALIFORNIA	27
NAVWPNSTA SEAL BEACH	SEAL BEACH, CALIFORNIA	35

Blank Page

Department of the Navy
FY 2022 MILITARY CONSTRUCTION PROGRAM
Direct War and Enduring Costs

Requirement

The Department of the Navy supports the President’s European Deterrence Initiative (EDI) to help increase the capability of U.S. allies and partners. A key enabler for contingency options is sufficiently robust infrastructure at key locations to support military activities.

The FY 2022 Direct War and Enduring Costs accounted for in the base budget are as follows:

There are no Direct War costs accounted for in the Base Budget.

Enduring costs accounted for in the Base Budget: \$45,775,000. Enduring Requirements are enduring in theater and in CONUS costs that will likely remain after combat operations cease, and have previously been funded in OCO.

Blank Page

DEPARTMENT OF THE NAVY
FY 2022 Military Construction

Appropriation Language

SECTION 1 - APPROPRIATION LANGUAGE

For acquisition, construction, installation, and equipment of temporary or permanent public works, naval installations, facilities, and real property for the Navy and Marine Corps as currently authorized by law, including personnel in the Naval Facilities Engineering Command and other personal services necessary for the purposes of this appropriation, [\$1,716,144,000] \$2,368,352,000 to remain available until September 30, [2025] 2026. Provided, That, of this amount, not to exceed [\$261,710,000] \$363,252,000 shall be available for study, planning, design, and architect and engineer services, as authorized by law, unless the Secretary of the Navy determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of the determination and the reasons therefor.

SECTION 2 - EXPLANATION OF LANGUAGE CHANGES

1. Deletion of FY 2021 appropriations shown in brackets.

Blank Page

DEPARTMENT OF THE NAVY

FY 2022 Military Construction

Special Program Considerations

ENERGY CONSERVATION:

The military construction projects proposed in this program will be designed for minimum energy consumption.

FLOODPLAIN MANAGEMENT AND WETLANDS PROTECTION:

Proposed land acquisition, disposals, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Numbers 11988 and 11990.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL:

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

PRESERVATION OF HISTORICAL SITES AND STRUCTURES:

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

PLANNING IN THE NATIONAL CAPITAL REGION:

Projects located in the National Capital Region are submitted to the National Capital Planning Commission for budgetary review and comments. Construction projects within the District of Columbia, with the exception of the Bolling/Anacostia area, are submitted to the Commission for approval prior to the start of construction.

ENVIRONMENTAL PROTECTION:

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (Public Law 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the military construction program.

ECONOMIC ANALYSIS:

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives could be evaluated, a primary economic analysis was prepared.

CONSTRUCTION CRITERIA MANUAL:

Project designs conform to Part II of Military Handbook 1190, "Facility Planning and Design Guide."

Blank Page

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM									2. Date MAY 2021
3. Installation and Location: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA						4. Command Commandant of the Marine Corps			5. Area Const Cost Index 1.08	
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	3789	36025	3432	1078	30470	31	0	0	50475	125300
	3722	35100	3421	1075	29852	29	0	0	50475	123674
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(125476 Acres)										
B. INVENTORY AS OF 30 SEP 2020 18,565,721										
C. AUTHORIZATION NOT YET IN INVENTORY 283,208										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM 0										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>			
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
13115	I MEF Consolidated Information Center (INC)	10/2018	04/2020	11872 m2	19,869					
				TOTAL	19,869					
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										
10. Mission or Major Functions:										
MCB Camp Pendleton supports the combat readiness of 1st Marine Expeditionary Force units by providing training, logistic, garrison, mobilization and deployment support and a wide range of quality of life services including housing, safety and security, medical and dental care, family services, off-duty education and recreation. The base conducts specialized schools and other training and receives and processes students in order to conduct field training in basic combat skills. MCB Pendleton promotes the combat readiness of the Operating Forces and supports the mission of other tenant commands.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM		2. Date MAY 2021
3. Installation and Location: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.08	

Blank Page

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00681(AB) MARINE CORPS BASE CAMP PENDLETON (HQ AREA) CAMP PENDLETON, CALIFORNIA			4. Project Title I MEF Consolidated Information Center (INC)	
5. Program Element 0305192M	6. Category Code 13115	7. Project Number P1090B	8. Project Cost (\$000) 19,869	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
I MEF CONSOLIDATED INFORMATION CENTER (INC) (127,790SF)	m2	11,872.08		88,480
INFORMATION CENTER CC13115 (125,120SF)	m2	11,624.03	6,325.43	(73,530)
AREA DISTRIBUTION NODE (ADN) (2,670 SF) CC13142 (2,670SF)	m2	248.05	17,647.18	(4,380)
CYBERSECURITY FEATURES	LS			(500)
INFORMATION SYSTEMS	LS			(2,500)
ANTI-TERRORISM/FORCE PROTECTION	LS			(850)
BUILT-IN EQUIPMENT	LS			(3,730)
SPECIAL COSTS	LS			(2,130)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(860)
SUPPORTING FACILITIES				14,110
SPECIAL CONSTRUCTION FEATURES	LS			(750)
PAVEMENT FACILITIES	LS			(30)
SITE PREPARATIONS	LS			(1,430)
SPECIAL FOUNDATION FEATURES	LS			(300)
PAVING AND SITE IMPROVEMENTS	LS			(1,940)
ANTI-TERRORISM/FORCE PROTECTION	LS			(610)
ELECTRICAL UTILITIES	LS			(7,100)
MECHANICAL UTILITIES	LS			(1,910)
DEMOLITION	LS			(40)
SUBTOTAL				102,590
CONTINGENCY (5%)				5,130
TOTAL CONTRACT COST				107,720
SIOH (5.7%)				6,140
SUBTOTAL				113,860
TOTAL REQUEST ROUNDED				113,860
TOTAL REQUEST				113,869
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(8,364)

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00681(AB) MARINE CORPS BASE CAMP PENDLETON (HQ AREA) CAMP PENDLETON, CALIFORNIA			4. Project Title I MEF Consolidated Information Center (INC)	
5. Program Element 0305192M	6. Category Code 13115	7. Project Number P1090B	8. Project Cost (\$000) 19,869	
10. Description of Proposed Construction: <p>Construct a low-rise consolidated information center with concrete masonry unit (CMU) walls, structural steel framing, reinforced concrete foundation and floors and a standing seam metal roof. The facility will include battalion level operations center spaces, watch room with video-teleconference capability on raised access flooring, secure storage and supply warehouse, administrative offices, academic instruction classrooms, management and support spaces for deployable digital intelligence systems. The facility will also serve as headquarters for 1st Marine Expeditionary Force Information Group (MIG) along with secure parking and equipment laydown inside a fenced compound. This project delivers a secure and DoD/NSA accredited facility to integrate and accommodate the Marine Corps information and intelligence communities (IC).</p> <p>Facilities will be designed to provide cyber security engineering and commissioning as specified in Department of Defense (DoD) Unified Facility Criteria.</p> <p>This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with AT/FP regulations, physical security mitigation and exceptions in accordance with DoD Minimum Anti-Terrorism Standards for Buildings.</p> <p>Information systems include telephone, cable television, unclassified Internet Protocol (IP) Router Network (NIPRNET) and classified (SIPRNET) network, fiber optic (CAT6), security and fire alarm systems, data center racks and point of delivery (POD) network. Provide conduit, power and associated infrastructure for an integrated electronic security system (ESS) to include: Data Transmission Media (DTM), alarm reporting systems for monitoring, control, alarm display and recording, a High Security Switch (HSS), hub and sensors for Joint Worldwide Intelligence Communications System (JWICS), National Security Agency network (NSANET), building intercom system, Radio Frequency (RF) shielding, Closed Circuit Television (CCTV), Physical Security Equipment (PSE), Mass Notification/Public address system, and energy management control system (EMCS) and enclave network.</p> <p>Built-in equipment includes access control system interface, passenger/freight combination elevator, emergency generator, fire pump with generator backup, uninterruptible power supply, raised floor system with fire detection equipment, redundant building exhaust and dehumidification</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00681(AB) MARINE CORPS BASE CAMP PENDLETON (HQ AREA) CAMP PENDLETON, CALIFORNIA			4. Project Title I MEF Consolidated Information Center (INC)	
5. Program Element 0305192M	6. Category Code 13115	7. Project Number P1090B	8. Project Cost (\$000) 19,869	
<p>systems, class 5 vault doors with day gates, secure ground signal referencing and Premise Control Units (PCU).</p> <p>Special costs include Post Construction Contract Award Services (PCAS), cybersecurity commissioning, lightning protection certification, and geospatial surveys and mapping. The cybersecurity commissioning cost is to cover the contractor's submittals, administrative actions and compliance with the Department of the Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate. Monitoring during the construction of the secured spaces are also provided for; including surveillance by Construction Security Technicians and Cleared American Guards in accordance with IC guidance. Construction monitoring is required to observe the construction to ensure that there are no abnormalities that could affect and compromise the security of the Mission.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>DoD and DON principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Site preparation includes site clearing and stormwater features, grading and excavation while removing any unsuitable soils all in preparation for construction, as well as, relocating impacted utilities and making any necessary point of connection repairs or improvements.</p> <p>Paving and site improvements include access driveways, curbs, sidewalks, parking facilities, landscaping, pedestrian features (crosswalk & traffic safety signal mid-block of C Street), automatic irrigation system and meters, and stormwater features. Site improvements features also contain security fencing and gates. The project will improve 11th, 7th and C Streets and intersections to achieve efficiency in vehicle and pedestrian circulation from LOS B to LOS A.</p> <p>Electrical utilities include primary and secondary distribution systems, panels, switchboards and meters, exterior site lighting, transformers, point of connection improvements, signal reference grid, building lightning protection, telecommunications controls and fiber optic infrastructure.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00681(AB) MARINE CORPS BASE CAMP PENDLETON (HQ AREA) CAMP PENDLETON, CALIFORNIA			4. Project Title I MEF Consolidated Information Center (INC)	
5. Program Element 0305192M	6. Category Code 13115	7. Project Number P1090B	8. Project Cost (\$000) 19,869	
<p>Supporting telecommunication utilities also provides for a new Area Distribution Node, with a four ductbank infrastructure connection, to the facility to support the communications/data requirements.</p> <p>Mechanical utilities include domestic water, fire protection water, electronic monitoring and control system and enclave, sanitary sewer, stormwater sewer, natural gas and point of connection improvements.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p> <p>Demolition includes the removal of Buildings #1520 (74 m2) and #15020 (11 m2).</p>				
11. Requirement: <u>11,418 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u> PROJECT: Constructs a secured and consolidated information center for the following units: I Marine Expeditionary Force Information Group (I MIG), 9th Communications Battalion (9th Comm Bn), Defensive Cyber Operations Company (DCO-IDM Co), 1st Radio Battalion (1st Rad Bn), 1st Intelligence Battalion (1st Intel Bn), I Marine Expeditionary Force Principle Staff (G2-Intel) (IMEF-G2), 1st Marine Division (1st MARDIV), 1st Marine Logistics Group (MLG), and Civilian Enablers (Contractors) aboard Marine Corps Base Camp Pendleton, California. This project will consolidate personnel and operations into a single complex in the 16 Area adjacent to the Force Intelligence Operation Center (FIOC). (New Mission) REQUIREMENT: A secure and DoD accredited facility is required to accommodate and integrate all aspects of intelligence for 1st Marine Expeditionary Force's (IMEF) Commanding General, staff, and major subordinate commands, including I MIG, DCO-IDM Co, 1st Intel Bn and 1st Rad Bn. A single purpose built facility with properly configured electrical distribution, ample space, and cooling for the demands of the continuously evolving digital information environment is required to process, exploit, and disseminate through all levels of classification. A suitable facility will incorporate one regiment-sized unit, workspaces for digital imagery analysis, topographic analysis, intelligence fusion, signals intelligence, counterintelligence				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00681(AB) MARINE CORPS BASE CAMP PENDLETON (HQ AREA) CAMP PENDLETON, CALIFORNIA			4. Project Title I MEF Consolidated Information Center (INC)	
5. Program Element 0305192M	6. Category Code 13115	7. Project Number P1090B	8. Project Cost (\$000) 19,869	
<p>and interrogation training, management and support facilities for the systems support of digital equipment and deployable digital intelligence systems.</p> <p>CURRENT SITUATION:</p> <p>1st Rad Bn and 1st Intel Bn have more than doubled their capacity. Currently, 1st Rad Bn and 1st Intel Bn have 800 and 650 Marines respectively, with plans for additional growth. This personnel growth is compounded by the necessity to provide space for consolidation of additional intelligence units currently operating in inadequate facilities.</p> <p>The current facilities do not meet electrical, space and cooling systems requirements. Intelligence Battalion is operating with a reduced portion of their total equipment requirement due to the limitation of the electrical service. Analyses, operations and training are degraded to near mission failure. Proper coordination of the existing equipment is necessary to prevent overloaded circuits and loss of the unit's ability to operate effectively. The current electrical service and cooling systems cannot keep computers, servers and equipment within safe operating temperatures. Several documented electrical failures have occurred, resulting in lost data and product-delivery failure. 1st MLG does not currently have the capacity or organic assets to independently establish Sensitive Compartmented Information (SCI) communications.</p> <p>This project is not sited in a 100-year flood plain.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Failure to execute this project would leave a shortage of space for the existing personnel, planned personnel growth, as well as space needed for consolidation of intelligence units assigned to this area. Operations will continue to degrade without adequate electrical service and cooling capacity to fully utilize all necessary equipment and properly maintain intelligence support to forward-deployed units. Failure to provide these essential facilities and supporting infrastructure will result in a shortage of effectively trained Intelligence personnel, which would levy an adverse impact on the unit's ability to reach full operational capacity and capability. Lastly, the current lack of permanent SCI space will continue to impede 1st MLG's capability to establish and maintain SCI communications.</p>				
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <p>(A) Date design or Parametric Cost Estimate started 10/2018</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																																				
3. Installation(SA)& Location/UIC: M00681(AB) MARINE CORPS BASE CAMP PENDLETON (HQ AREA) CAMP PENDLETON, CALIFORNIA			4. Project Title I MEF Consolidated Information Center (INC)																																					
5. Program Element 0305192M	6. Category Code 13115	7. Project Number P1090B	8. Project Cost (\$000) 19,869																																					
(B) Date 35% Design or Parametric Cost Estimate complete 02/2019 (C) Date design completed 04/2020 (D) Percent completed as of September 2018 5% (E) Percent completed as of January 2021 100% (F) Type of design contract Design Bid Build (G) Parametric Estimate used to develop cost Yes (H) Energy Study/Life Cycle Analysis performed No																																								
2. Basis:																																								
(A) Standard or Definitive Design No																																								
(B) Where design was previously used																																								
3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):																																								
(A) Production of plans and specifications \$6,832																																								
(B) All other design costs \$3,416																																								
(C) Total \$10,248																																								
(D) Contract \$8,256																																								
(E) In-house \$1,992																																								
4. Contract award: 09/2020																																								
5. Construction start: 10/2020																																								
6. Construction complete: 10/2022																																								
B. Equipment associated with this project which will be provided from other appropriations:																																								
<table border="1"> <thead> <tr> <th>Equipment</th> <th>Procuring</th> <th>FY Approp</th> <th></th> </tr> <tr> <th>Nomenclature</th> <th>Approp</th> <th>or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>AUDIO-VISUAL</td> <td>O&MMC</td> <td>Future Request</td> <td>550</td> </tr> <tr> <td>COLLATERAL EQUIP</td> <td>O&MMC</td> <td>Future Request</td> <td>250</td> </tr> <tr> <td>COLLATERAL EQUIPMENT: FURNISHINGS</td> <td>O&MMC</td> <td>Future Request</td> <td>2,800</td> </tr> <tr> <td>ELECT: ACS / IDS / CCTV</td> <td>O&MMC</td> <td>Future Request</td> <td>938</td> </tr> <tr> <td>IT EQUIPMENT: INFO-TECH, POD-RACKS</td> <td>PMC</td> <td>Future Request</td> <td>2,700</td> </tr> <tr> <td>PHYSICAL SECURITY EQUIPMENT: BMS / HSS / PCU</td> <td>PMC</td> <td>Future Request</td> <td>576</td> </tr> <tr> <td>SWITCH, FRONT-END ADN</td> <td>O&MMC</td> <td>Future Request</td> <td>550</td> </tr> </tbody> </table>					Equipment	Procuring	FY Approp		Nomenclature	Approp	or Requested	Cost (\$000)	AUDIO-VISUAL	O&MMC	Future Request	550	COLLATERAL EQUIP	O&MMC	Future Request	250	COLLATERAL EQUIPMENT: FURNISHINGS	O&MMC	Future Request	2,800	ELECT: ACS / IDS / CCTV	O&MMC	Future Request	938	IT EQUIPMENT: INFO-TECH, POD-RACKS	PMC	Future Request	2,700	PHYSICAL SECURITY EQUIPMENT: BMS / HSS / PCU	PMC	Future Request	576	SWITCH, FRONT-END ADN	O&MMC	Future Request	550
Equipment	Procuring	FY Approp																																						
Nomenclature	Approp	or Requested	Cost (\$000)																																					
AUDIO-VISUAL	O&MMC	Future Request	550																																					
COLLATERAL EQUIP	O&MMC	Future Request	250																																					
COLLATERAL EQUIPMENT: FURNISHINGS	O&MMC	Future Request	2,800																																					
ELECT: ACS / IDS / CCTV	O&MMC	Future Request	938																																					
IT EQUIPMENT: INFO-TECH, POD-RACKS	PMC	Future Request	2,700																																					
PHYSICAL SECURITY EQUIPMENT: BMS / HSS / PCU	PMC	Future Request	576																																					
SWITCH, FRONT-END ADN	O&MMC	Future Request	550																																					
CERTIFYING OFFICIAL STATEMENT:																																								
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.																																								
Authorization and Appropriation Summary																																								
	Authorization	Auth of Approp	Approp																																					
	(\$000)	(\$000)	(\$000)																																					
FY 2020 Enacted	113,869	57,000	57,000																																					

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00681(AB) MARINE CORPS BASE CAMP PENDLETON (HQ AREA) CAMP PENDLETON, CALIFORNIA			4. Project Title I MEF Consolidated Information Center (INC)	
5. Program Element 0305192M	6. Category Code 13115	7. Project Number P1090B	8. Project Cost (\$000) 19,869	
FY 2021 Enacted		0	37,000	37,000
FY 2022 Request		0	19,869	19,869
Total		113,869	113,869	113,869
Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 Manager				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00681(AB) MARINE CORPS BASE CAMP PENDLETON (HQ AREA) CAMP PENDLETON, CALIFORNIA			4. Project Title I MEF Consolidated Information Center (INC)	
5. Program Element 0305192M	6. Category Code 13115	7. Project Number P1090B	8. Project Cost (\$000) 19,869	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM							2. Date MAY 2021		
3. Installation and Location: N63042 NAS LEMOORE CA LEMOORE, CALIFORNIA					4. Command Commander Navy Installations Command			5. Area Const Cost Index 1.07		
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	795	5164	463	0	0	0	38	337	0	6797
	943	6056	463	0	0	0	38	132	0	7632
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(29173 Acres)										
B. INVENTORY AS OF 30 SEP 2020										4,310,358
C. AUTHORIZATION NOT YET IN INVENTORY										294,473
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>						<u>Design Status</u>		<u>Cost</u>		
<u>Code</u>	<u>Project Title</u>			<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>			
21105	F-35C Hangar 6 Phase 2 (Mod 3/4) (INC)			08/2018	08/2021	82312 m2	75,070			
							TOTAL	75,070		
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										
10. Mission or Major Functions:										
Maintain and operate facilities and provide services and materials to support the aviation assets and operations of the Pacific Fleet. This base is the homeport for all Pacific Fleet Light Attack (F/A-18) Squadrons and Replacement Training Squadrons.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM	2. Date MAY 2021
3. Installation and Location: N63042 NAS LEMOORE CA LEMOORE, CALIFORNIA	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1.07

Blank Page

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA) & Location/UIC: N63042 NAS LEMOORE CA LEMOORE, CALIFORNIA			4. Project Title F-35C Hangar 6 Phase 2 (Mod 3/4) (INC)	
5. Program Element 0712876N	6. Category Code 21105	7. Project Number P391A	8. Project Cost (\$000) 75,070	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
F-35C HANGAR 6 PHASE 2 (MOD 3/4) (INC) (885,998SF)	m2	82,311.95		91,810
AIRCRAFT MAINTENANCE HANGAR CC21105 (110,793SF)	m2	10,293	5,756.6	(59,250)
AIRCRAFT PAVEMENTS CC11320 (771,536SF)	m2	71,678	252.02	(18,060)
OPERATIONAL STORAGE CC14377 (3,670SF)	m2	340.95	3,722.62	(1,270)
CYBERSECURITY FEATURES	LS			(500)
BUILT-IN EQUIPMENT	LS			(8,140)
SPECIAL COSTS	LS			(4,230)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(360)
SUPPORTING FACILITIES				19,560
SPECIAL CONSTRUCTION FEATURES	LS			(1,000)
SITE PREPARATIONS	LS			(2,060)
SPECIAL FOUNDATION FEATURES	LS			(7,060)
PAVING AND SITE IMPROVEMENTS	LS			(3,130)
ELECTRICAL UTILITIES	LS			(2,270)
MECHANICAL UTILITIES	LS			(4,040)
SUBTOTAL				111,370
CONTINGENCY (5%)				5,570
TOTAL CONTRACT COST				116,940
SIOH (5.7%)				6,670
SUBTOTAL				123,610
DESIGN/BUILD - DESIGN COST				4,450
TOTAL REQUEST ROUNDED				128,060
TOTAL REQUEST				128,070
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(8,412)
10. Description of Proposed Construction:				
Constructs a two-module aircraft maintenance hangar addition to existing Hangar 6 in support of F-35C Joint Strike Fighter Fleet operational squadrons. The hangar will be constructed with reinforced concrete masonry				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N63042 NAS LEMOORE CA LEMOORE, CALIFORNIA			4. Project Title F-35C Hangar 6 Phase 2 (Mod 3/4) (INC)	
5. Program Element 0712876N	6. Category Code 21105	7. Project Number P391A	8. Project Cost (\$000) 75,070	
<p>unit, structural steel frames, metal deck, combination of steep slope standing seam metal roof and low slope built-up roof, and pile foundation. The facility will include high bay space; shops and maintenance space; and operations, training, and administrative space.</p> <p>Constructs aircraft parking apron and marshalling area, access apron and shoulders, taxiway connections and associated apron lighting.</p> <p>Constructs alternate mission equipment operational storage for storage of the F-35 armament.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria.</p> <p>This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with AT/FP regulations, and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings. User Generated Unit Cost is used for specific AT/FP features are included in the unit costs.</p> <p>Built-in equipment includes aircraft service stations/kiosks on the apron and in the hangar spaces, aircraft cooling air system, airfield munition lockers, one passenger/freight elevator, bridge crane (5-ton), two emergency generators and fire suppression storage tanks.</p> <p>Special costs include Post Construction Contract Award Services (PCAS) and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the contractor's submittals, administrative actions and compliance with the Department of the Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate. Special costs also include geospatial survey and mapping, third party commissioning, temporary concrete batch plant, Special Access Program Facility area and Secret Internet Protocol Router Network and temporary facilities.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>DoD and DON principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N63042 NAS LEMOORE CA LEMOORE, CALIFORNIA			4. Project Title F-35C Hangar 6 Phase 2 (Mod 3/4) (INC)	
5. Program Element 0712876N	6. Category Code 21105	7. Project Number P391A	8. Project Cost (\$000) 75,070	
<p>as appropriate.</p> <p>Special construction features includes liquid oxygen storage and a wash rack support control building.</p> <p>Site preparation includes site clearing, earthwork and contaminated soil removal.</p> <p>Special foundation features include pile foundation.</p> <p>Paving and site improvements include parking facilities, pedestrian features, landscaping, stormwater infiltration system and proper undergrounding of existing draining on the site.</p> <p>Electrical utilities include primary and secondary distribution systems, unit substations, aircraft protection equipment shelters, electrical utility line, exterior lighting and telecommunications infrastructure.</p> <p>Mechanical utilities include water lines, storm water lines, sanitary sewer lines, gas lines and fire protection systems. Fuel systems include JP5 fuel lines and hot pit refueling skids.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p>				
<p>11. Requirement: <u>82,312 m2</u> Adequate: Substandard:</p> <p>PROJECT:</p> <p>Constructs a two-module aircraft maintenance hangar addition to an existing hangar, associated airfield pavements and taxiways, operational storage, fueling facilities, support facilities and POV parking in support of F-35C fleet operational squadrons transition.</p> <p>(New Mission)</p> <p>REQUIREMENT:</p> <p>NAS Lemoore has been selected as the Navy's site for the F-35C Squadron homeporting the Fleet Replacement Squadron (FRS).</p> <p>The F-35C replaces the aging F/A-18C/D Hornet and is a more is a more advanced aircraft requiring unique technology and infrastructure</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																														
3. Installation(SA)& Location/UIC: N63042 NAS LEMOORE CA LEMOORE, CALIFORNIA			4. Project Title F-35C Hangar 6 Phase 2 (Mod 3/4) (INC)																															
5. Program Element 0712876N	6. Category Code 21105	7. Project Number P391A	8. Project Cost (\$000) 75,070																															
requirements. Adequate and efficiently configured facilities are required.																																		
CURRENT SITUATION: <p>Existing Hangars 1-4 do not meet the space, electrical, communications, security or cooling systems required to support F-35C aircraft. P-328 (FY 2015 MCON) and P-378 (FY 2016 MCON) provided additions and renovations to existing Hangar 5 to support a 30 aircraft FRS. While P-284 (FY 2019 MCON) will support the first two fleet squadron transitions there are no additional hangar space to support follow on transitions.</p> <p>The project site is not sited in a 100-year floodplain.</p>																																		
IMPACT IF NOT PROVIDED: <p>Without this project NAS Lemoore will be unable to support the mission essential operations, training, and maintenance requirements of F-35C. Severe, negative operational impacts will be imposed on flight, maintenance and training operations.</p>																																		
12. Supplemental Data: <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>08/2018</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>04/2019</td> </tr> <tr> <td>(C) Date design completed</td> <td>08/2021</td> </tr> <tr> <td>(D) Percent completed as of September 2019</td> <td>15%</td> </tr> <tr> <td>(E) Percent completed as of January 2021</td> <td>55%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>Yes</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design</td> <td>Yes</td> </tr> <tr> <td>(B) Where design was previously used</td> <td>P-284 F-35 Maintenance Hangar</td> </tr> </table> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <table> <tr> <td>(A) Production of plans and specifications</td> <td>\$2,561</td> </tr> <tr> <td>(B) All other design costs</td> <td>\$3,842</td> </tr> <tr> <td>(C) Total</td> <td>\$6,403</td> </tr> <tr> <td>(D) Contract</td> <td>\$4,162</td> </tr> <tr> <td>(E) In-house</td> <td>\$2,241</td> </tr> </table> <p>4. Contract award: 08/2021</p> <p>5. Construction start: 12/2021</p> <p>6. Construction complete: 08/2023</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p>					(A) Date design or Parametric Cost Estimate started	08/2018	(B) Date 35% Design or Parametric Cost Estimate complete	04/2019	(C) Date design completed	08/2021	(D) Percent completed as of September 2019	15%	(E) Percent completed as of January 2021	55%	(F) Type of design contract	Design Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	Yes	(A) Standard or Definitive Design	Yes	(B) Where design was previously used	P-284 F-35 Maintenance Hangar	(A) Production of plans and specifications	\$2,561	(B) All other design costs	\$3,842	(C) Total	\$6,403	(D) Contract	\$4,162	(E) In-house	\$2,241
(A) Date design or Parametric Cost Estimate started	08/2018																																	
(B) Date 35% Design or Parametric Cost Estimate complete	04/2019																																	
(C) Date design completed	08/2021																																	
(D) Percent completed as of September 2019	15%																																	
(E) Percent completed as of January 2021	55%																																	
(F) Type of design contract	Design Build																																	
(G) Parametric Estimate used to develop cost	Yes																																	
(H) Energy Study/Life Cycle Analysis performed	Yes																																	
(A) Standard or Definitive Design	Yes																																	
(B) Where design was previously used	P-284 F-35 Maintenance Hangar																																	
(A) Production of plans and specifications	\$2,561																																	
(B) All other design costs	\$3,842																																	
(C) Total	\$6,403																																	
(D) Contract	\$4,162																																	
(E) In-house	\$2,241																																	

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N63042 NAS LEMOORE CA LEMOORE, CALIFORNIA			4. Project Title F-35C Hangar 6 Phase 2 (Mod 3/4) (INC)	
5. Program Element 0712876N	6. Category Code 21105	7. Project Number P391A	8. Project Cost (\$000) 75,070	
<u>Equipment</u> <u>Nomenclature</u> Aircraft Protection Equipment Audio / Visual Electronic Security Equipment Furnishings, Fixtures and Equipment NMCI / SIPR Activation SAPF Certification		<u>Procuring</u> <u>Approp</u> OMN OMN OMN OMN OMN OMN	<u>FY Approp</u> <u>or Requested</u> 2022 Future Request Future Request Future Request Future Request Future Request	<u>Cost (\$000)</u> 1,908 727 336 4,866 375 200
CERTIFYING OFFICIAL STATEMENT: The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended.				
		Authorization (\$000)	Auth of Approp (\$000)	Approp (\$000)
FY 2021 Enacted		128,070	53,000	53,000
FY 2022 Request		0	75,070	75,070
Total		128,070	128,070	128,070
Activity POC: NAVFAC HQ MILCON Program Phone No: 202 685-9401 Manager				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N63042 NAS LEMOORE CA LEMOORE, CALIFORNIA			4. Project Title F-35C Hangar 6 Phase 2 (Mod 3/4) (INC)	
5. Program Element 0712876N	6. Category Code 21105	7. Project Number P391A	8. Project Cost (\$000) 75,070	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM							2. Date MAY 2021		
3. Installation and Location: N00245 NAVBASE SAN DIEGO SAN DIEGO, CALIFORNIA					4. Command Commander Navy Installations Command			5. Area Const Cost Index 1.05		
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	2248	17719	4980	0	240	0	142	1164	0	26493
	2480	21198	4980	0	240	0	175	1582	0	30655
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(2708 Acres)										
B. INVENTORY AS OF 30 SEP 2020 10,588,282										
C. AUTHORIZATION NOT YET IN INVENTORY 176,040										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>			
15120	Pier 6 Replacement (INC)	09/2018	09/2021	16723	m2	50,000				
						TOTAL	50,000			
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										
10. Mission or Major Functions:										
Provide homeport facilities for warships, amphibious ships, and auxiliaries of the Pacific Fleet. Provide harbor and waterfront facilities, exchange, personnel support, athletic, recreational, berthing, messing, morale, and other logistics facilities.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM		2. Date MAY 2021
3. Installation and Location: N00245 NAVBASE SAN DIEGO SAN DIEGO, CALIFORNIA	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1.05	

Blank Page

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N00245 NAVBASE SAN DIEGO SAN DIEGO, CALIFORNIA			4. Project Title Pier 6 Replacement (INC)	
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P443A	8. Project Cost (\$000) 50,000	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
PIER 6 REPLACEMENT (INC) (180,005SF)	m2	16,723		60,640
GENERAL PURPOSE BERTHING PIER CC15120 (180,005SF)	m2	16,723	3,488.31	(58,340)
CYBERSECURITY FEATURES	LS			(500)
SPECIAL COSTS	LS			(1,390)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(410)
SUPPORTING FACILITIES				51,110
SITE PREPARATIONS	LS			(670)
SPECIAL FOUNDATION FEATURES	LS			(140)
PAVING AND SITE IMPROVEMENTS	LS			(1,180)
ELECTRICAL UTILITIES	LS			(20,870)
MECHANICAL UTILITIES	LS			(12,030)
ENVIRONMENTAL MITIGATION	LS			(300)
DEMOLITION	LS			(15,920)
SUBTOTAL				111,750
CONTINGENCY (5%)				5,590
TOTAL CONTRACT COST				117,340
SIOH (5.7%)				6,690
SUBTOTAL				124,030
DESIGN/BUILD - DESIGN COST				4,470
TOTAL REQUEST ROUNDED				128,500
TOTAL REQUEST				128,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(4,388)
10. Description of Proposed Construction: Constructs a pile supported reinforced concrete pier to replace existing Pier 6. Deck provides capacity for a 181 metric ton crane. The pier includes primary and secondary fenders, and new loadout ramp cradles on the quay wall on each side. Utilities include electrical, potable water, sanitary sewer, steam, oily waste and compensating ballast water collection systems.				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N00245 NAVBASE SAN DIEGO SAN DIEGO, CALIFORNIA			4. Project Title Pier 6 Replacement (INC)	
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P443A	8. Project Cost (\$000) 50,000	
<p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria.</p> <p>This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings.</p> <p>Special costs include Post Construction Contract Award Services (PCAS) and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the contractor's submittals, administrative actions, and compliance with Department of the Navy's (DON) cybersecurity requirements as well as DON in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>DoD and DON principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Paving and site improvements include security crash gate and fencing, pedestrian turnstile, watch tower, guard house and high mast lighting.</p> <p>Electrical utilities includes switching station, primary and secondary distribution systems, supervisory control and data acquisitions systems for energy monitoring and control, grounding/lightning protection, cathodic protection and telecommunications infrastructure.</p> <p>Mechanical utilities includes sanitary sewer, storm water, potable water supply lines, oily waste, steam distribution and return condensate system, and fire protection system.</p> <p>Project will demolish Structure #356 - Pier 6, (7,676 m2), to clear site for this project.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N00245 NAVBASE SAN DIEGO SAN DIEGO, CALIFORNIA			4. Project Title Pier 6 Replacement (INC)	
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P443A	8. Project Cost (\$000) 50,000	
<p>efficiency.</p> <p>This project is sited on the waterfront of NAVBASE San Diego situated on San Diego bay. The Mean High High Water (MHHW) level at this installation is +12 feet. Pier 6 will classified as mission critical. The new pier deck will vary in elevation from +17 feet at the far end, sloping down the +13 feet at the shoreline end. The slope facilitates rainwater runoff and collection, keeps the pier deck elevation above the MHHW waterline, and provides transition between the pier deck and the top of the adjacent bulkhead (+12 feet elevation). Elevating the pier deck any higher would cause operational, ship access and pier accessibility issues. At times of MHHW, the bulkhead adjacent to the pier might flood, however the pier deck will remain operational and above the flood line. The pier transformers and other utility components will be placed on elevated pads for extra safety. Utility runs will be enclosed in watertight vaults.</p>				
<p>11. Requirement: <u>16,723 m2</u> Adequate: Substandard:</p> <p>PROJECT: Replaces Pier 6. (Current Mission)</p> <p>REQUIREMENT: Adequate and efficiently configured berthing pier with the capability to berth four ships and support the mix of Pacific Fleet ships.</p> <p>CURRENT SITUATION: Pier 6 is inadequate based on age, condition and operational constraints.</p> <p>Pier 6 was constructed in 1945, is not compliant with current structural seismic criteria, and is at the end of its useful life.</p> <p>The pier experiences reduced operating capacity due to multiple deficiencies including inadequate utilities, structural deterioration, load restrictions and inadequate deck width. Utilities on the pier are in poor condition resulting in interruption to services including electrical, potable water, sanitary sewer, compressed air and steam. There is no oily waste system on Pier 6. Structural deficiencies limit maximum crane loading and restricts Pier 6 to 35-50 ton cranes in limited areas of the pier, with specific outrigger placement, and limited forklifts to 6000 lb. capacity. The current width of the pier restricts truck and mobile crane operations, limits the amount and type of ship maintenance and loading of ships stores, and posed a traffic and life safety hazard. Current conditions limit those ships which can berth at the pier.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021												
3. Installation(SA)& Location/UIC: N00245 NAVBASE SAN DIEGO SAN DIEGO, CALIFORNIA			4. Project Title Pier 6 Replacement (INC)													
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P443A	8. Project Cost (\$000) 50,000													
IMPACT IF NOT PROVIDED: <p>Limited crane use and maintenance laydown area on Pier 6 does not properly support berthing of current home ported ships.</p> <p>Concrete spalling above deck will continue to pose unsafe working conditions, especially during berthing operations.</p> <p>Spalling on the pier's underdeck and pile caps will continue to limit the pier's structural integrity.</p> <p>Pier hardware, including mooring cleats and double-bitts, will continue to deteriorate, resulting in diminishing capacity and unreliable service, placing personnel and property at risk of mishaps.</p>																
12. Supplemental Data: A. Estimated Design Data: 1. Status: (A) Date design or Parametric Cost Estimate started 09/2018 (B) Date 35% Design or Parametric Cost Estimate complete 03/2019 (C) Date design completed 09/2021 (D) Percent completed as of September 2019 15% (E) Percent completed as of January 2021 55% (F) Type of design contract Design Build (G) Parametric Estimate used to develop cost Yes (H) Energy Study/Life Cycle Analysis performed Yes 2. Basis: (A) Standard or Definitive Design No (B) Where design was previously used 3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E): (A) Production of plans and specifications \$2,570 (B) All other design costs \$3,855 (C) Total \$6,425 (D) Contract \$4,176 (E) In-house \$2,249 4. Contract award: 04/2021 5. Construction start: 11/2021 6. Construction complete: 05/2023 B. Equipment associated with this project which will be provided from other appropriations: <table border="0"> <thead> <tr> <th><u>Equipment</u></th> <th><u>Procuring</u></th> <th><u>FY Approp</u></th> <th></th> </tr> <tr> <th><u>Nomenclature</u></th> <th><u>Approp</u></th> <th><u>or Requested</u></th> <th><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>COLLATERAL EQUIPMENT</td> <td>OMN</td> <td>Future Request</td> <td>3,597</td> </tr> </tbody> </table>					<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	COLLATERAL EQUIPMENT	OMN	Future Request	3,597
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>														
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>													
COLLATERAL EQUIPMENT	OMN	Future Request	3,597													

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N00245 NAVBASE SAN DIEGO SAN DIEGO, CALIFORNIA			4. Project Title Pier 6 Replacement (INC)	
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P443A	8. Project Cost (\$000) 50,000	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM							2. Date MAY 2021		
3. Installation and Location: N69232 NAVBASE VENTURA CTY PT MUGU CA SAN NICOLAS ISLAND, CALIFORNIA				4. Command Commander Navy Installations Command			5. Area Const Cost Index 1.7			
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	261	1406	3629	0	0	0	134	89	0	5519
	289	1464	3629	0	0	0	134	89	0	5605
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(13370 Acres)										
B. INVENTORY AS OF 30 SEP 2020										742,606
C. AUTHORIZATION NOT YET IN INVENTORY										53,160
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										19,907
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
37115	Directed Energy Weapons Test Facilities	07/2019	7/2022	56 m2	19,907					
				TOTAL	19,907					
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										
10. Mission or Major Functions:										
Naval Base Ventura County (NBVC) is a premier naval installation composed of three operating facilities - Point Mugu, Port Hueneme and San Nicolas Island. NBVC supports approximately 80 tenant commands with a base population of more than 19,000 personnel. Tenant commands encompass an extremely diverse set of specialties that support both Fleet and Fighter, including three warfare centers: Naval Air Warfare Center Weapons Division, Naval Surface Warfare Center Port Hueneme Division and Naval Facilities Engineering and Expeditionary Warfare Center. NBVC is also home to deployable units, including the Pacific Seabees and the West Coast E-2C Hawkeyes.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM	2. Date MAY 2021
3. Installation and Location: N69232 NAVBASE VENTURA CTY PT MUGU CA SAN NICOLAS ISLAND, CALIFORNIA	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1.7

Blank Page

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N69232(AD) NAVBASE VENTURA CTY PT MUGU CA (SAN NICOLAS ISLAND) SAN NICOLAS ISLAND, CALIFORNIA			4. Project Title Directed Energy Weapons Test Facilities	
5. Program Element 0816376N	6. Category Code 37115	7. Project Number P591	8. Project Cost (\$000) 19,907	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
DIRECTED ENERGY WEAPONS TEST FACILITIES (600SF)	m2	55.74		7,360
DIRECTED ENERGY TESTING RANGE FACILITY CC37115 (600SF)	m2	55.74	9,842.49	(550)
CYBERSECURITY FEATURES	LS			(100)
SPECIAL COSTS	LS			(6,710)
SUPPORTING FACILITIES				9,940
SITE PREPARATIONS	LS			(1,620)
PAVING AND SITE IMPROVEMENTS	LS			(3,850)
ELECTRICAL UTILITIES	LS			(3,300)
MECHANICAL UTILITIES	LS			(760)
ENVIRONMENTAL MITIGATION	LS			(410)
SUBTOTAL				17,300
CONTINGENCY (5%)				870
TOTAL CONTRACT COST				18,170
SIOH (5.7%)				1,040
SUBTOTAL				19,210
DESIGN/BUILD - DESIGN COST				690
TOTAL REQUEST ROUNDED				19,900
TOTAL REQUEST				19,907
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,684)
10. Description of Proposed Construction:				
<p>Constructs a Directed Energy (DE) weapons testing facility and target site on San Nicolas Island (SNI).</p> <p>The Tender Point test site will consist of a concrete pad with a low-rise, test support facility built of high corrosion resistant material. The facility will include a high-base space with roll-up door, a roof that shall support instrumentation systems, electrical systems, and double-star grounding system with HVAC.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N69232(AD) NAVBASE VENTURA CTY PT MUGU CA (SAN NICOLAS ISLAND) SAN NICOLAS ISLAND, CALIFORNIA			4. Project Title Directed Energy Weapons Test Facilities	
5. Program Element 0816376N	6. Category Code 37115	7. Project Number P591	8. Project Cost (\$000) 19,907	
<p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per Unified Facility Criteria (UFC) 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.</p> <p>Special costs include Post Construction Contract Award Services (PCAS), Post Award Design Services (PADS), and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the Department of the Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate. Additionally, special costs include barging of materials to SNI, transportation of labor to/from island, and lodging for labor on island.</p> <p>DoD and DON principles for high performance and sustainable building requirements will be included in the design and construction of this project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Site preparation includes site clearing, excavation and preparation for construction, and backfill.</p> <p>Paving and site improvements include grading, retaining walls, improved drainage, new and improved access roads, vehicle turn-around, and concrete pads with tie downs.</p> <p>Electrical utilities include primary and secondary distribution systems, lighting, transformers, and telecommunications infrastructure. Fiber optic communications will be provided to the site.</p> <p>Environmental mitigation includes archaeological monitoring.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD UFC. Facilities will incorporate features that provide the lowest practical life cycle solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p>				
11. Requirement: <u>56 m2</u> Adequate: Substandard: PROJECT:				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N69232(AD) NAVBASE VENTURA CTY PT MUGU CA (SAN NICOLAS ISLAND) SAN NICOLAS ISLAND, CALIFORNIA			4. Project Title Directed Energy Weapons Test Facilities	
5. Program Element 0816376N	6. Category Code 37115	7. Project Number P591	8. Project Cost (\$000) 19,907	
<p>Constructs a testing facility and target site on SNI that will be used for the testing of DE weapons including both High Energy Laser (HEL) and High Power Microwave (HPM) technologies.</p> <p>(Current Mission)</p> <p>REQUIREMENT:</p> <p>The DoD, Surface Warfare Enterprise, and Naval Aviation Enterprise require a realistic, safe and secure, open-air maritime venue in which to test the effectiveness and suitability of DE weapons, including both HEL and HPM technologies. This includes the need to test countermeasures to DE weapons. All of the military services are investing in DE technology and developing DE weapons. Demonstrators are emerging that will lead to operational systems. This is evidenced by Surface Navy Laser Weapon System Family of Systems efforts for shipboard systems and the upcoming Solid State LASER-Technology Maturation live testing planned for 2020 from a U.S. Navy combatant vessel. Fiber lasers are candidate weapons for integration on rotary wing, fixed wing, unmanned aerial systems, and tactical fighter jets.</p> <p>These testing and target sites proposed for SNI are part of the master plan for the support of Directed Energy Testing on the Point Mugu Sea Range (PMSR). This project capitalizes on the extensive infrastructure of the PMSR, SNI, and NAVSEA's Self Defense Test Ship to provide a safe and secure, realistic maritime DE weapon test venue. Air-to-air, air-to-surface, surface-to-air, and surface-to-surface DE testing capabilities will be provided. The needed test sites will utilize SNI to fulfill requirements for both static across-water DE weapons testing as well as testing that involves dynamic airborne or seaborne targets. SNI is a unique geographical feature, first used in the 1970's for laser propagation testing.</p> <p>CURRENT SITUATION:</p> <p>Historically, DE weapon systems have been tested in a laboratory or desert environment and therefore prior investments in test infrastructure have been made in those locations. The PMSR already operates much of the infrastructure needed to support Directed Energy Testing. Only the construction efforts on SNI contained in this project remain. This maritime test capability will allow DE weapons to be fielded sooner since developers will discover problems early in the acquisition phase. Fleet and other customers will be able to develop operational training and tactics prior to weapon system fielding thereby reducing support costs.</p> <p>Project site is not known to be located within the 100-year flood zone.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																														
3. Installation(SA)& Location/UIC: N69232(AD) NAVBASE VENTURA CTY PT MUGU CA (SAN NICOLAS ISLAND) SAN NICOLAS ISLAND, CALIFORNIA			4. Project Title Directed Energy Weapons Test Facilities																															
5. Program Element 0816376N	6. Category Code 37115	7. Project Number P591	8. Project Cost (\$000) 19,907																															
<p>This project does not have scope elements above and beyond the UFC and Facilities Criteria regarding adverse long-term environmental effects.</p> <p>Consultation with recognized Indian tribes will be required as part of NEPA and archeological monitoring will be required during construction.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The PMSR will continue to support DE test efforts, but at reduced effectiveness and higher cost to weapons programs. A static, across-water test capability will not be available, forcing DE weapons programs to depend upon laboratory or desert-based testing in an unrealistic environment and substantial increased cost to integrate test articles into two vice one set of infrastructures.</p> <p>Modeling and simulation efforts will suffer because the data required for effective verification, validation and accreditation will be unavailable. Further, the current test sites available at SNI will not be able to satisfy projected demand which will result in program schedule delays and related increased cost.</p>																																		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>07/2019</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>01/2021</td> </tr> <tr> <td>(C) Date design completed</td> <td>07/2022</td> </tr> <tr> <td>(D) Percent completed as of September 2020</td> <td>15%</td> </tr> <tr> <td>(E) Percent completed as of January 2021</td> <td>35%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>Yes</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design</td> <td></td> </tr> <tr> <td>(B) Where design was previously used</td> <td></td> </tr> </table> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <table> <tr> <td>(A) Production of plans and specifications</td> <td>\$396</td> </tr> <tr> <td>(B) All other design costs</td> <td>\$595</td> </tr> <tr> <td>(C) Total</td> <td>\$991</td> </tr> <tr> <td>(D) Contract</td> <td>\$644</td> </tr> <tr> <td>(E) In-house</td> <td>\$347</td> </tr> </table> <p>4. Contract award: 03/2022</p> <p>5. Construction start: 07/2022</p> <p>6. Construction complete: 04/2023</p>					(A) Date design or Parametric Cost Estimate started	07/2019	(B) Date 35% Design or Parametric Cost Estimate complete	01/2021	(C) Date design completed	07/2022	(D) Percent completed as of September 2020	15%	(E) Percent completed as of January 2021	35%	(F) Type of design contract	Design Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	Yes	(A) Standard or Definitive Design		(B) Where design was previously used		(A) Production of plans and specifications	\$396	(B) All other design costs	\$595	(C) Total	\$991	(D) Contract	\$644	(E) In-house	\$347
(A) Date design or Parametric Cost Estimate started	07/2019																																	
(B) Date 35% Design or Parametric Cost Estimate complete	01/2021																																	
(C) Date design completed	07/2022																																	
(D) Percent completed as of September 2020	15%																																	
(E) Percent completed as of January 2021	35%																																	
(F) Type of design contract	Design Build																																	
(G) Parametric Estimate used to develop cost	Yes																																	
(H) Energy Study/Life Cycle Analysis performed	Yes																																	
(A) Standard or Definitive Design																																		
(B) Where design was previously used																																		
(A) Production of plans and specifications	\$396																																	
(B) All other design costs	\$595																																	
(C) Total	\$991																																	
(D) Contract	\$644																																	
(E) In-house	\$347																																	

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																																								
3. Installation(SA)& Location/UIC: N69232(AD) NAVBASE VENTURA CTY PT MUGU CA (SAN NICOLAS ISLAND) SAN NICOLAS ISLAND, CALIFORNIA			4. Project Title Directed Energy Weapons Test Facilities																																									
5. Program Element 0816376N	6. Category Code 37115	7. Project Number P591	8. Project Cost (\$000) 19,907																																									
<p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1"> <thead> <tr> <th><u>Equipment</u></th> <th><u>Procuring</u></th> <th><u>FY Approp</u></th> <th></th> </tr> <tr> <th><u>Nomenclature</u></th> <th><u>Approp</u></th> <th><u>or Requested</u></th> <th><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>3D Aerosol LIDAR</td> <td>OPN</td> <td>2022</td> <td>500</td> </tr> <tr> <td>Computer Equipment</td> <td>OMN</td> <td>2022</td> <td>90</td> </tr> <tr> <td>FF&E</td> <td>OMN</td> <td>2022</td> <td>10</td> </tr> <tr> <td>Laser Analysis Equipment</td> <td>OMN</td> <td>2022</td> <td>105</td> </tr> <tr> <td>Security Equipment</td> <td>OMN</td> <td>2022</td> <td>92</td> </tr> <tr> <td>Turbulence Sensors</td> <td>OMN</td> <td>2022</td> <td>130</td> </tr> <tr> <td>Video Equipment</td> <td>OMN</td> <td>2022</td> <td>607</td> </tr> <tr> <td>Weather Stations</td> <td>OMN</td> <td>2022</td> <td>150</td> </tr> </tbody> </table>					<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	3D Aerosol LIDAR	OPN	2022	500	Computer Equipment	OMN	2022	90	FF&E	OMN	2022	10	Laser Analysis Equipment	OMN	2022	105	Security Equipment	OMN	2022	92	Turbulence Sensors	OMN	2022	130	Video Equipment	OMN	2022	607	Weather Stations	OMN	2022	150
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>																																										
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>																																									
3D Aerosol LIDAR	OPN	2022	500																																									
Computer Equipment	OMN	2022	90																																									
FF&E	OMN	2022	10																																									
Laser Analysis Equipment	OMN	2022	105																																									
Security Equipment	OMN	2022	92																																									
Turbulence Sensors	OMN	2022	130																																									
Video Equipment	OMN	2022	607																																									
Weather Stations	OMN	2022	150																																									
<p>CERTIFYING OFFICIAL STATEMENT:</p> <p>The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This facility can be used by other components on an as-available basis; however, the scope of the project is based on Navy requirements.</p>																																												
<p>Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 Manager</p>																																												

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N69232(AD) NAVBASE VENTURA CTY PT MUGU CA (SAN NICOLAS ISLAND) SAN NICOLAS ISLAND, CALIFORNIA			4. Project Title Directed Energy Weapons Test Facilities	
5. Program Element 0816376N	6. Category Code 37115	7. Project Number P591	8. Project Cost (\$000) 19,907	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM							2. Date MAY 2021		
3. Installation and Location: N61065 NAVWPNSTA SEAL BEACH SEAL BEACH, CALIFORNIA					4. Command Commander Navy Installations Command			5. Area Const Cost Index 1.02		
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	60	800	201	0	0	0	0	0	0	1061
	62	895	37	0	0	0	0	0	0	994
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(4875 Acres)										
B. INVENTORY AS OF 30 SEP 2020 1,323,359										
C. AUTHORIZATION NOT YET IN INVENTORY 262,940										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>			
42122	Missile Magazines (INC)	09/2018		06/2019		4 EA	10,840			
						TOTAL	10,840			
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										
10. Mission or Major Functions:										
Naval Weapons Station Seal Beach and its detachments provide shore-based infrastructure support to the Navy's ordnance mission and other fleet and fleet support activities.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM	2. Date MAY 2021
3. Installation and Location: N61065 NAVWPNSTA SEAL BEACH SEAL BEACH, CALIFORNIA	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1.02

Blank Page

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61065 NAVWPNSTA SEAL BEACH SEAL BEACH, CALIFORNIA			4. Project Title Missile Magazines (INC)	
5. Program Element 0712976N	6. Category Code 42122	7. Project Number P243A	8. Project Cost (\$000) 10,840	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MISSILE MAGAZINES (INC)	EA	4		20,260
MAGAZINES CC42122	EA	4	4,851,602.35	(19,410)
CYBERSECURITY FEATURES	LS			(100)
SPECIAL COSTS	LS			(550)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(200)
SUPPORTING FACILITIES				21,910
PAVEMENT FACILITIES	LS			(5,330)
SITE PREPARATIONS	LS			(10,170)
PAVING AND SITE IMPROVEMENTS	LS			(3,460)
ELECTRICAL UTILITIES	LS			(2,360)
MECHANICAL UTILITIES	LS			(590)
SUBTOTAL				42,170
CONTINGENCY (5%)				2,110
TOTAL CONTRACT COST				44,280
SIOH (5.7%)				2,520
SUBTOTAL				46,800
TOTAL REQUEST ROUNDED				46,800
TOTAL REQUEST				46,800
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(222)
10. Description of Proposed Construction:				
<p>Construct four reinforced concrete, earth-covered, missile magazines to provide adequate storage capacity for vertical launch system (VLS) missile systems. The magazines will be used for assembled missile storage.</p> <p>This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with AT/FP regulations, and physical security mitigation in accordance with Department of Defense (DoD) minimum Anti-Terrorism Standards for Buildings. User Generated Unit Costs were used for this project and include the cost of features to meet the minimum DoD AT/FP standards.</p> <p>Facility-related control systems include cybersecurity features in accordance with current DoD criteria.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61065 NAVWPNSTA SEAL BEACH SEAL BEACH, CALIFORNIA			4. Project Title Missile Magazines (INC)	
5. Program Element 0712976N	6. Category Code 42122	7. Project Number P243A	8. Project Cost (\$000) 10,840	
<p>Special costs include Post Construction Contract Award Services (PCAS) and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the contractor's submittals, administrative actions and compliance with the Department of the Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p> <p>Operation and maintenance support information (OMSI) is included in this project.</p> <p>DoD and DON principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Pavement facilities include loading docks and access ramps for each magazine.</p> <p>Site preparation includes site clearing, excavation, preparation for construction, relocation of existing utilities, pre-consolidated fill, a wick drain system, and fencing.</p> <p>Paving and site improvements include grading, road improvements, landscaping, irrigation relocation, bio-retention swales, storm water management, and drainage.</p> <p>Electrical utilities include primary and secondary distribution systems, outside lighting, transformers, and telecommunications infrastructure.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p>				
11. Requirement: <u>4 EA</u> Adequate: Substandard: PROJECT: Constructs four reinforced concrete, earth covered, missile magazines to provide adequate storage for VLS Standard Missile (SM), VLS Tomahawk, and Evolved Sea Sparrow Missile systems.				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61065 NAVWPNSTA SEAL BEACH SEAL BEACH, CALIFORNIA			4. Project Title Missile Magazines (INC)	
5. Program Element 0712976N	6. Category Code 42122	7. Project Number P243A	8. Project Cost (\$000) 10,840	
<p>(Current Mission)</p> <p>REQUIREMENT:</p> <p>Naval Weapons Station Seal Beach (NWSSB) has a deficit of 24 Type D magazines, required to support the storage of 2,791 VLS missiles for ship onloads and offloads for Pacific Fleet combatants homeported in the Southwest Region.</p> <p>Changes in global posture plans requires 26 additional ships to be unloaded and offloaded at NWSSB over the next five years. New SM variants including the SM-6, will expand Intermediate Level Maintenance (ILM) at NWSSB, thus increasing storage requirements.</p> <p>CURRENT SITUATION:</p> <p>Existing high explosive magazines are not configured to store modern munitions, which are larger in size resulting in increased handling and jam stow conditions (storing more ammunition and explosives in the facility than the facility was designed to hold, creating narrower aisles resulting in difficulties in maneuvering and retrieving desired missiles). Design capacity for existing type F missile magazines is 90 VLS missiles. Currently, VLS missiles are jam-stowed with up to 180 VLS per magazine in the existing eight magazines for a total average capacity increase of 720 missiles per year. The ability to jam-stow does not solve the current 24 Type D magazine deficiency.</p> <p>Shipments of missiles awaiting ILM are being deferred due to lack of storage capacity and increased storage requirements driven by homeport relocation, increase in SM ILM, and surge objectives.</p> <p>Project is not located in the 100-year floodplain.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																																	
3. Installation(SA)& Location/UIC: N61065 NAVWPNSTA SEAL BEACH SEAL BEACH, CALIFORNIA			4. Project Title Missile Magazines (INC)																																		
5. Program Element 0712976N	6. Category Code 42122	7. Project Number P243A	8. Project Cost (\$000) 10,840																																		
<p>IMPACT IF NOT PROVIDED:</p> <p>Deferral of incoming missile shipments will decrease the number of ready for issue standard missiles in the Fleet's inventory and could result in failure to meet fleet readiness objectives.</p>																																					
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>09/2018</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>12/2018</td> </tr> <tr> <td>(C) Date design completed</td> <td>06/2019</td> </tr> <tr> <td>(D) Percent completed as of September 2019</td> <td>100%</td> </tr> <tr> <td>(E) Percent completed as of January 2020</td> <td>100%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Bid Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>Yes</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design</td> <td>Yes</td> </tr> <tr> <td>(B) Where design was previously used</td> <td>FY17 P223 NAVWPNSTA Seal Beach</td> </tr> </table> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <table> <tr> <td>(A) Production of plans and specifications</td> <td>\$2,808</td> </tr> <tr> <td>(B) All other design costs</td> <td>\$1,404</td> </tr> <tr> <td>(C) Total</td> <td>\$4,212</td> </tr> <tr> <td>(D) Contract</td> <td>\$3,393</td> </tr> <tr> <td>(E) In-house</td> <td>\$819</td> </tr> </table> <p>4. Contract award:</p> <p>08/2021</p> <p>5. Construction start:</p> <p>05/2022</p> <p>6. Construction complete:</p> <p>08/2023</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <tr> <td><u>Equipment</u></td> <td><u>Procuring</u></td> <td><u>FY Approp</u></td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	09/2018	(B) Date 35% Design or Parametric Cost Estimate complete	12/2018	(C) Date design completed	06/2019	(D) Percent completed as of September 2019	100%	(E) Percent completed as of January 2020	100%	(F) Type of design contract	Design Bid Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	Yes	(A) Standard or Definitive Design	Yes	(B) Where design was previously used	FY17 P223 NAVWPNSTA Seal Beach	(A) Production of plans and specifications	\$2,808	(B) All other design costs	\$1,404	(C) Total	\$4,212	(D) Contract	\$3,393	(E) In-house	\$819	<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>
(A) Date design or Parametric Cost Estimate started	09/2018																																				
(B) Date 35% Design or Parametric Cost Estimate complete	12/2018																																				
(C) Date design completed	06/2019																																				
(D) Percent completed as of September 2019	100%																																				
(E) Percent completed as of January 2020	100%																																				
(F) Type of design contract	Design Bid Build																																				
(G) Parametric Estimate used to develop cost	Yes																																				
(H) Energy Study/Life Cycle Analysis performed	Yes																																				
(A) Standard or Definitive Design	Yes																																				
(B) Where design was previously used	FY17 P223 NAVWPNSTA Seal Beach																																				
(A) Production of plans and specifications	\$2,808																																				
(B) All other design costs	\$1,404																																				
(C) Total	\$4,212																																				
(D) Contract	\$3,393																																				
(E) In-house	\$819																																				
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>																																			

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61065 NAVWPNSTA SEAL BEACH SEAL BEACH, CALIFORNIA			4. Project Title Missile Magazines (INC)	
5. Program Element 0712976N	6. Category Code 42122	7. Project Number P243A	8. Project Cost (\$000) 10,840	
<u>Nomenclature</u> Intruder Detection System		<u>Approp</u> OPN	<u>or Requested</u> Future Request	<u>Cost (\$000)</u> 222
CERTIFYING OFFICIAL STATEMENT:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				
	Authorization (\$000)	Auth of Approp (\$000)	Approp (\$000)	
FY 2021 Enacted	46,800	21,800	21,800	
FY 2022 Request	0	10,840	10,840	
Total	46,800	32,640	32,640	
Activity POC: NAVFAC HQ MILCON Program Manager		Phone No: 202 685-9401		

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61065 NAVWPNSTA SEAL BEACH SEAL BEACH, CALIFORNIA			4. Project Title Missile Magazines (INC)	
5. Program Element 0712976N	6. Category Code 42122	7. Project Number P243A	8. Project Cost (\$000) 10,840	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM							2. Date MAY 2021		
3. Installation and Location: N32446 NSS PORTSMOUTH NAVY SHIPYARD KITTERY, MAINE					4. Command Commander Navy Installations Command			5. Area Const Cost Index 1.13		
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	215	741	5091	0	42	0	72	587	0	6748
	220	767	5091	0	42	0	87	612	0	6819
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(309 Acres)										
B. INVENTORY AS OF 30 SEP 2020 2,632,829										
C. AUTHORIZATION NOT YET IN INVENTORY 211,377										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>			
21310	Multi-Mission Drydock #1 Extension (INC)	02/2018		06/2020		0 LS	250,000			
TOTAL							250,000			
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										
10. Mission or Major Functions:										
Portsmouth Naval Shipyard's primary mission is the overhaul, repair and modernization of Los Angeles-class and Virginia-class submarines. Portsmouth Naval Shipyard provides the U.S. Navy's nuclear powered submarine fleet with quality overhaul work in a safe, timely and affordable manner. This includes a full spectrum of in-house support--from engineering services and production shops, to unique capabilities and facilities, to off-site support--all of which serves the multifaceted assortment of fleet requirements.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM	2. Date MAY 2021
3. Installation and Location: N32446 NSS PORTSMOUTH NAVY SHIPYARD KITTERY, MAINE	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1.13

Blank Page

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N32446 NSS PORTSMOUTH NAVY SHIPYARD KITTERY, MAINE			4. Project Title Multi-Mission Drydock #1 Extension (INC)	
5. Program Element 0712876N	6. Category Code 21310	7. Project Number P381A	8. Project Cost (\$000) 250,000	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MULTI-MISSION DRYDOCK #1 EXTENSION (INC)	LS			430,460
DRY DOCK #1 ADDITION CC21310 (157,594SF)	m2	14,641	19,172.53	(280,710)
CAISSON	EA	2	28,287,449.5	(56,570)
PUMP STATION	LS			(2,970)
CYBERSECURITY FEATURES	LS			(500)
BUILT-IN EQUIPMENT	LS			(31,580)
SPECIAL COSTS	LS			(55,640)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(2,490)
SUPPORTING FACILITIES				213,770
SPECIAL CONSTRUCTION FEATURES	LS			(2,850)
PAVEMENT FACILITIES	LS			(340)
SITE PREPARATIONS	LS			(98,010)
SPECIAL FOUNDATION FEATURES	LS			(31,380)
PAVING AND SITE IMPROVEMENTS	LS			(3,900)
ELECTRICAL UTILITIES	LS			(62,830)
MECHANICAL UTILITIES	LS			(11,680)
ENVIRONMENTAL MITIGATION	LS			(2,780)
SUBTOTAL				644,230
CONTINGENCY (5%)				32,210
TOTAL CONTRACT COST				676,440
SIOH (5.7%)				38,560
SUBTOTAL				715,000
TOTAL REQUEST ROUNDED				715,000
TOTAL REQUEST				715,000
EQUIPMENT FROM OTHER				(7,523)
APPROPRIATIONS (NON ADD)				
10. Description of Proposed Construction:				
Constructs a partitioned addition to Dry Dock #1 (DD1) within the superflood basin area. The addition will consist of two bays, labeled Drydock #1 North (DD1N) and Drydock #1 West (DD1W). The existing Drydock #1 will be renamed Drydock #1 East (DD1E). Both DD1N and DD1W will be of				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N32446 NSS PORTSMOUTH NAVY SHIPYARD KITTERY, MAINE			4. Project Title Multi-Mission Drydock #1 Extension (INC)	
5. Program Element 0712876N	6. Category Code 21310	7. Project Number P381A	8. Project Cost (\$000) 250,000	
<p>sufficient size and depth to support the maintenance and overhaul of Virginia (VA) Class submarines, Blocks I-IV.</p> <p>New construction will include concrete floors, walls, and center wall separating DD1N and DD1W, new pump well systems, pump station building, two caissons, portal crane rails, mooring hardware, mechanical and electrical utilities, utility tunnels, and all appurtenances required to ensure an operational dry dock. Modifications will be made to the existing basin closure wall and to Berths 1 and 11 to prevent undermining and support fully dewatered conditions. The existing DD1 pumpwell will be connected to the new pumpwell system and the interior modified. Facility will include basic telephone, computer network, fiber optic, closed-circuit television (CCTV) security system, utility metering, and fire alarm systems.</p> <p>This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with AT/FP regulations, and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings. User Generated Unit Costs were used for this project and include the cost of features to meet the minimum DoD AT/FP standards.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense criteria.</p> <p>Built-in equipment includes an auxiliary salt water (ASW) system, dewatering pumps, winches, drainage pumps, and backup generators for the pumpwell.</p> <p>Special costs include Post Construction Contract Award Services (PCAS), shipyard factor and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the contractor's submittals, administrative actions and compliance with the Department of the Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate. Special costs also include contractor permitting for off-site wharf and staging areas, additional mobilization and demobilization, temporary facilities including on-site concrete batch plant, temporary utilities including temporary ASW system and contractor land lease required to support off-yard production. Special costs also include costs for blasting restrictions.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N32446 NSS PORTSMOUTH NAVY SHIPYARD KITTERY, MAINE			4. Project Title Multi-Mission Drydock #1 Extension (INC)	
5. Program Element 0712876N	6. Category Code 21310	7. Project Number P381A	8. Project Cost (\$000) 250,000	
<p>Department of Defense and Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Special construction features include cooling towers for the ASW system and portal crane rails.</p> <p>Pavement facilities include concrete pads for equipment and a fenced-in electrical yard.</p> <p>Site preparation includes underpinning/shoring berths 1 and 11, dredging, rock removal and disposal.</p> <p>Special foundation features include drilled shafts and an aggregate subfloor.</p> <p>Paving and site improvements include paving, fencing, and lighting.</p> <p>Electrical utilities include industrial and shore power connections, electrical substations, load center, electrical distribution, and heat trace.</p> <p>Mechanical utilities include distribution and connections to nitrogen, high and low pressure compressed air, wheeler, fresh water, pure water, steam, condensate, and fire-suppression systems and infrastructure, sanitary sewer and storm drainage.</p> <p>Environmental mitigation includes monitoring for multiple conditions during construction, as well as Marine Mammal and Protected Species monitoring and reporting.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions for satisfying the facility requirements with the goal of maximizing energy efficiency.</p> <p>Dry dock interiors are designed to be flooded, therefore the floors will be constructed within the 100-year flood plain. All boundaries, to include the closure wall, caisson elevations, and coping around DD1N and DD1W will</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N32446 NSS PORTSMOUTH NAVY SHIPYARD KITTERY, MAINE			4. Project Title Multi-Mission Drydock #1 Extension (INC)	
5. Program Element 0712876N	6. Category Code 21310	7. Project Number P381A	8. Project Cost (\$000) 250,000	
<p>be constructed to an elevation above the 100-year floodplain and incorporate additional height for sea-level rise. Large tidal fluctuations also minimize exposure of these facilities to storm surge.</p>				
<p>11. Requirement: <u>452,147 SF</u> Adequate: <u>63,135 SF</u> Substandard: <u>34,861 SF</u></p> <p>PROJECT:</p> <p>This project constructs two additional Virginia Class capable dry docking bays within the existing Dry Dock #1 complex.</p> <p>(Current Mission)</p> <p>REQUIREMENT:</p> <p>Adequate dry dock facilities are required to perform depot-level maintenance on nuclear powered submarines. Specifically, PNSY has a primary mission to overhaul, repair, and modernize LA Class and VA Class submarines, and is capable of dry docking all active classes of submarines. These dry docks are intended to operate at a utilization rate of 75% for availabilities, reserving 20% for dock maintenance and repairs, and 5% for contingencies. Anything above 75% impedes the naval shipyard's mission, as there needs to be consideration for emergent Fleet repairs in addition to required maintenance and extended repairs of the dry dock facility.</p> <p>Additionally, not all docks capable of performing depot-level maintenance on LA class submarines can accomodate the VA class. VA class vessels require greater docking length and depth, and larger supplies of fresh water and sea water. The ship characteristics of VA class with Virginia Payload Module (VA Class, Block V) will further limit the number of docks capable of performing depot-level maintenance; reducing flexibility and ultimately reducing the capacity available to the Fleet.</p> <p>This project addresses the above requirement, providing additional dry dock capacity to perform depot-level maintenance on VA class submarines, maintaining Fleet readiness and operational availability.</p> <p>CURRENT SITUATION:</p> <p>PNSY is currently operating at 92% capacity, including dry dock setup and take down preparations. This utilization rate does not include annual unplanned or emergent Fleet requirements, nor does it allow for maintenance and certificaition repairs to the dry docks themselves. Since 2007, PNSY has had to turn away three emergent docking requests due to docks being full. When emergent repairs are unsupported due to the non-availability of dry docks, the Fleet immediately realizes the loss of operational ability.</p> <p>In FY17, PNSY's workload began the transition from LA Class to VA Class CNO</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																						
3. Installation(SA)& Location/UIC: N32446 NSS PORTSMOUTH NAVY SHIPYARD KITTERY, MAINE			4. Project Title Multi-Mission Drydock #1 Extension (INC)																							
5. Program Element 0712876N	6. Category Code 21310	7. Project Number P381A	8. Project Cost (\$000) 250,000																							
<p>availabilities, but will maintain a steady LA Class Workload through 2030. Additionally, PNSY has three dry docks of which only DD#2 and DD#3 are VA Class capable. Beginning in JAN 2024, Fleet-scheduled VA Class availabilities at PNSY will exceed capacity. DD#1 is unable to support this workload due to LA Class workload and configuration constraints, culminating in a projected 20 deferred VA Class availabilities through 2040.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without additional docking bays of adequate length and depth, the projected workload at PNSY will culminate in approximately 20 deferred VA class availabilities through 2040. This work cannot be performed at other shipyards due to their own capacity and capability shortfalls, over-stressing the Navy's ability to support unplanned emergent repairs and unanticipated national security contingencies.</p> <p>Project P-381 will eliminate the capacity and capability gaps at PNSY, and restore the dry dock utilization to 75%, aligning with the requirement to retain availability for dry dock maintenance and Fleet contingencies. The projected 20 deferred availabilities will be reduced to zero, returning sailors and submarines back to the Fleet to perform their mission.</p> <p>Fleet readiness is enabled by shipyard readiness, and deferred availabilities directly result in lost Ao. Submarine crews are held at the shipyards longer than planned when maintenance is deferred, potentially resulting in loss of proficiency and opportunity for advancement, negatively impacting crew readiness and retention of skilled personnel.</p>																										
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table border="0"> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>02/2018</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>04/2019</td> </tr> <tr> <td>(C) Date design completed</td> <td>06/2020</td> </tr> <tr> <td>(D) Percent completed as of September 2019</td> <td>45%</td> </tr> <tr> <td>(E) Percent completed as of January 2021</td> <td>100%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Bid Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>Yes</td> </tr> </table> <p>2. Basis:</p> <table border="0"> <tr> <td>(A) Standard or Definitive Design</td> <td>No</td> </tr> <tr> <td>(B) Where design was previously used</td> <td></td> </tr> </table> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <table border="0"> <tr> <td>(A) Production of plans and specifications</td> <td>\$37,572</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	02/2018	(B) Date 35% Design or Parametric Cost Estimate complete	04/2019	(C) Date design completed	06/2020	(D) Percent completed as of September 2019	45%	(E) Percent completed as of January 2021	100%	(F) Type of design contract	Design Bid Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	Yes	(A) Standard or Definitive Design	No	(B) Where design was previously used		(A) Production of plans and specifications	\$37,572
(A) Date design or Parametric Cost Estimate started	02/2018																									
(B) Date 35% Design or Parametric Cost Estimate complete	04/2019																									
(C) Date design completed	06/2020																									
(D) Percent completed as of September 2019	45%																									
(E) Percent completed as of January 2021	100%																									
(F) Type of design contract	Design Bid Build																									
(G) Parametric Estimate used to develop cost	Yes																									
(H) Energy Study/Life Cycle Analysis performed	Yes																									
(A) Standard or Definitive Design	No																									
(B) Where design was previously used																										
(A) Production of plans and specifications	\$37,572																									

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N32446 NSS PORTSMOUTH NAVY SHIPYARD KITTERY, MAINE			4. Project Title Multi-Mission Drydock #1 Extension (INC)	
5. Program Element 0712876N	6. Category Code 21310	7. Project Number P381A	8. Project Cost (\$000) 250,000	
(B) All other design costs (C) Total (D) Contract (E) In-house 4. Contract award: 5. Construction start: 6. Construction complete:			\$26,864 \$64,436 \$52,601 \$11,835 07/2021 01/2021 08/2025	
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u> <u>FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u> <u>or Requested</u> <u>Cost (\$000)</u>		
1.5 MW drydock diesel generator (1 per boat)		OPN Future Request 2,534		
480v power cables		OMN Future Request 660		
Frac tank (2 ea)		OMN Future Request 450		
Keel Blocks (96 total)		OMN Future Request 932		
Load house transfer enclosures (LHTE)		OMN Future Request 272		
Power Integration Distribution Centers (PIDC)		OMN Future Request 190		
Service and personnel brows (varying lengths)		OMN Future Request 485		
Wheeler (2 ea)		OPN Future Request 2,000		
CERTIFYING OFFICIAL STATEMENT:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Authorization and Appropriation Summary				
	Authorization	Auth of Approp	Approp	
	(\$000)	(\$000)	(\$000)	
FY 2021 Enacted	715,000	160,000	160,000	
FY 2022 Request	0	250,000	250,000	
Future Request	0	305,000	305,000	
Total	715,000	715,000	715,000	
Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 Manager				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM							2. Date MAY 2021		
3. Installation and Location: N60495 NAS FALLON NV FALLON, NEVADA					4. Command Commander Navy Installations Command			5. Area Const Cost Index 1.22		
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	375	1034	175	0	0	0	448	1287	0	3319
	401	1194	175	0	0	0	448	1287	0	3505
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(256966 Acres)										
B. INVENTORY AS OF 30 SEP 2020 2,592,207										
C. AUTHORIZATION NOT YET IN INVENTORY 105,520										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM 48,250										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>			
91110	Training Range Land Acquisition - Phase 2	08/2018		09/2022		0 LS	48,250			
TOTAL							48,250			
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										
10. Mission or Major Functions:										
NAS Fallon and the Fallon Range Training Complex are the Navy's premier integrated strike warfare training facilities supporting present and emerging National Defense requirements. The mission is to support carrier air wings preparing to deploy; and other units participating in training events, including joint and multinational training and exercises.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM		2. Date JUN 2021
3. Installation and Location: N60495 NAS FALLON NV FALLON, NEVADA	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1.22	

Blank Page

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N60495(CA) NAS FALLON NV (TARGET B-17) FALLON, NEVADA			4. Project Title Training Range Land Acquisition - Phase 2	
5. Program Element 0703976N	6. Category Code 91110	7. Project Number P445	8. Project Cost (\$000) 48,250	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
TRAINING RANGE LAND ACQUISITION - PHASE 2	LS			42,080
LAND ACQUISITION CC91110	LS			(33,200)
SPECIAL COSTS	LS			(8,880)
SUPPORTING FACILITIES				1,400
ENVIRONMENTAL MITIGATION	LS			(1,400)
SUBTOTAL				43,480
CONTINGENCY (5%)				2,170
TOTAL CONTRACT COST				45,650
SIOH (5.7%)				2,600
SUBTOTAL				48,250
TOTAL REQUEST ROUNDED				48,250
TOTAL REQUEST				48,250
10. Description of Proposed Construction:				
<p>The Department of the Navy (DON) proposed the acquisition of 66,551 acres of non-federal land. This phase includes acquisition of up to 40,100 acres of non-federal land, including subsurface rights, for Naval Aviation Warfighting Development Center (NAWDC) and Naval Special Warfare (NSW) to support mission essential training and tactics development on the Fallon Range Training Complex (FRTC) and better align with current tactics, techniques and procedures (TTP). This project also withdraws 804,001 acres of federal land managed by the Bureau of Land Management (BLM) to support expanded range training capability. This project also withdraws 804,001 acres of federal land managed by BLM to support expanded range training capability. Federal land withdrawal is authorized pursuant to the enabling legislation for FRTC Modernization as enacted by Congress. Non-federal land acquisition and federal land withdrawal are proposed to expand bombing ranges Bravo (B)-16, B-17, B-20 and the Dixie Valley Training Area (DVTA). Current FRTC land withdrawal authorization expires on 05 November 2021. An Environmental Impact Statement Record of Decision is required before November 2021 to authorize a public land withdrawal and non-federal land acquisition.</p> <p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per Unified Facility Criteria (UFC) 4-010-01 Department of</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N60495(CA) NAS FALLON NV (TARGET B-17) FALLON, NEVADA			4. Project Title Training Range Land Acquisition - Phase 2	
5. Program Element 0703976N	6. Category Code 91110	7. Project Number P445	8. Project Cost (\$000) 48,250	
<p>Defense (DoD) Minimum Antiterrorism Standards for Buildings.</p> <p>Special costs include Post Construction Contract Award Services (PCAS), land acquisition support services (e.g., title and escrow services, appraisal updates, boundary and parcel surveys, payment to extinguish unpatented mining claims, and Taylor Grazing Act payments), geospatial data survey and mapping. Special costs also include environmental, cultural resource and historic preservation surveys and non-federal land withdrawal administrative costs.</p> <p>DoD and DON principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Environmental mitigation includes natural and cultural resources mitigation and remediation (e.g., guzzler replacement, construction of new firebreaks and erosion control), exploration and excavation, curation of artifacts and field expenses. Environmental mitigation also includes an Environmental Condition of Property update.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in the DoD UFC. Facilities will incorporate features that provide the lowest practical life cycle cost solution satisfying the facility requirement with the goal of maximizing energy efficiency.</p> <p>Preliminary Federal Emergency Management Agency data review indicates that proposed sites for construction are either in a minimal flood hazard zone or in an area in which flood hazards are undetermined.</p>				
<p>11. Requirement: <u>66,551 AC</u> Adequate: <u>0 AC</u> Substandard: <u>0 AC</u></p> <p>PROJECT:</p> <p>Withdraws BLM-managed federal lands and acquires non-federal land and mining claims to adjust the FRTC ground perimeter boundaries of the Fallon Range Training Complex for B-16, B-17, B-20, and DVTA ranges.</p> <p>(Current Mission)</p> <p>REQUIREMENT:</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N60495(CA) NAS FALLON NV (TARGET B-17) FALLON, NEVADA			4. Project Title Training Range Land Acquisition - Phase 2	
5. Program Element 0703976N	6. Category Code 91110	7. Project Number P445	8. Project Cost (\$000) 48,250	
<p>FRTC requires additional land to provide proper, advanced training including: closed land for training activities hazardous to the public; open lands for nonhazardous training activities; and special use airspace.</p> <p>FRTC serves as the location to train 100 percent of NSW units and 100 percent of NSW Tactical Ground Mobility (TGM) units. FRTC also supports other NSW unit-level training (i.e, Special Reconnaissance, Sniper Sustainment and Land Navigation). FRTC requires sufficient physical assets to fully exercise Carrier Air Wings in preparation for deployment. The FRTC cannot meet the training requirements.</p> <p>FRTC requires an additional 66,551 acres of non-federal land. 40,085 acres will be acquired with this project and the remaining 26,466 acres will be acquired in a previous phase (FY 2021).</p> <p>In addition to the land acquired, FRTC requires utilities, infrastructure and perimeter fencing to support the acquired land. These requirements will be provided under future Military Construction projects.</p> <p>CURRENT SITUATION:</p> <p>Insufficient ground and airspace allocations preclude implementing current TTPs in a realistic threat environment sufficient to prepare service members for operational tasks. The FRTC configuration and weapons employment parameters severely limit actual training below the acceptable TTP criteria, resulting in less than effective training.</p> <p>Analysis of current FRTC weapons training capability demonstrates significant deficiencies in required warfighting capabilities for NAWDC and NSW due to large advances in weapons and tactics standoff distances. Naval Aviation Air-to-Surface training and NSW Surface Fires training have capabilities that are constrained by size limitations of the closed lands and restricted airspace required to protect the public from hazardous activities.</p> <p>Existing FRTC Weapon Danger Zones (WDZs) and Surface Danger Zones (SDZs) were found to be inadequate at the bombing ranges. This is a result of modern weapons' abilities to reach targets at greater distances. WDZs are zones which encompass ground areas for lateral and vertical containment of indirect fires from aviation delivered weapons, munitions, projectiles and associated fragments or debris. SDZs encompass ground areas for lateral and vertical containment of direct fire of ground-based weapons, munitions and projectiles. WDZs and SDZs are implemented to safeguard the public. The Range Air Installations Compatible Use Zones (RAICUZ) program requires WDZs</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N60495(CA) NAS FALLON NV (TARGET B-17) FALLON, NEVADA			4. Project Title Training Range Land Acquisition - Phase 2	
5. Program Element 0703976N	6. Category Code 91110	7. Project Number P445	8. Project Cost (\$000) 48,250	
<p>for each combination of weapon and aircraft. The RAICUZ Program and Federal Aviation Administration's order indicate that the Navy must control and restrict public use of land within a WDC and ensure that restricted airspace configuration matches WDCs. Range safety considerations require the Navy to control and restrict public use of land within a WDC and SDZ. The TGM course has a 75 percent deficiency in training capability.</p> <p>Non-live fire training (e.g., combat search and rescue; convoy and helicopter training and electronic warfare) occurs within DVTA, which is Navy-managed land. DVTA is open to the public for recreation, development and limited off-highway vehicle use. Currently, DVTA has limited amount of open land available for non-hazardous training activities and is experiencing encroachment.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.</p> <p>The Navy requested extension of the current land withdrawal and expansion of FRTC via the National Defense Authorization Act for Fiscal Year 2021 (NDAA FY2021). Congress extended the current withdrawal of 202,864 acres for another 25 years but declined to expand FRTC. Congress directed the Department of the Navy to work with stakeholders to develop a mutually agreeable expansion solution, and directed creation of the FRTC Intergovernmental Executive Committee (IEC) in cooperation with the Department of the Interior. The FRTC IEC has been created and is chaired by the chairwoman of the Walker River Paiute Tribe and co-chaired by a Churchill County Commissioner. The IEC is providing the forum directed by Congress to obtain stakeholder views. The Department will continue to discuss the withdrawal proposal with Senate Energy and Natural Resources Committee (SENRC), House Natural Resources Committee (HNR), Senate Armed Services Committee (SASC), House Armed Services Committee (HASC), and the Nevada Congressional Delegation.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Failure to modernize the FRTC will degrade training realism for NAWDC, NSW and joint services and will accelerate and further preclude the Navy's ability to train to current weapons employment capabilities. This deficiency also significantly limits development and validation of essential new TTP to combat continuously evolving global threats.</p> <p>FRTC will continue to experience encroachment vulnerabilities, particularly from competing commercial, political and environmental interests. Mineral</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																														
3. Installation(SA)& Location/UIC: N60495(CA) NAS FALLON NV (TARGET B-17) FALLON, NEVADA			4. Project Title Training Range Land Acquisition - Phase 2																															
5. Program Element 0703976N	6. Category Code 91110	7. Project Number P445	8. Project Cost (\$000) 48,250																															
<p>and geothermal development continues to increase throughout the state and conversion of federally owned land to the State of Nevada will encourage telecommunication expansion and foreign purchases related to Committee on Foreign Investment in the United States. Such encroachment poses current and future threats to the FRTC if the range is not modernized. Encroachment creates the following threats:</p> <ul style="list-style-type: none"> - Critical radio frequency and electronic warfare interference from frequency spectrum encroachment - Compromised operational data links by entities such as commercial communication - Decreased flight safety and obstruction of ground forces created by incompatible infrastructure (e.g., power lines, windmills, fence lines, pipelines and photovoltaic arrays) - Diminished use of night vision devices resulting from light pollution - Impacted sensitive species through mining and renewable energy projects - Security concerns from foreign powers with an intelligent interest in the FRTC. Such foreign powers attempt to gain a controlling position in mining entities that hold claims or operate mines on public lands in the FRTC airspace. 																																		
12. Supplemental Data: <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>08/2018</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>03/2019</td> </tr> <tr> <td>(C) Date design completed</td> <td>09/2022</td> </tr> <tr> <td>(D) Percent completed as of September 2020</td> <td>15%</td> </tr> <tr> <td>(E) Percent completed as of January 2021</td> <td>35%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>Yes</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design</td> <td>No</td> </tr> <tr> <td>(B) Where design was previously used</td> <td></td> </tr> </table> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <table> <tr> <td>(A) Production of plans and specifications</td> <td>\$965</td> </tr> <tr> <td>(B) All other design costs</td> <td>\$1,448</td> </tr> <tr> <td>(C) Total</td> <td>\$2,413</td> </tr> <tr> <td>(D) Contract</td> <td>\$1,568</td> </tr> <tr> <td>(E) In-house</td> <td>\$845</td> </tr> </table> <p>4. Contract award: 06/2022</p> <p>5. Construction start: 10/2022</p>					(A) Date design or Parametric Cost Estimate started	08/2018	(B) Date 35% Design or Parametric Cost Estimate complete	03/2019	(C) Date design completed	09/2022	(D) Percent completed as of September 2020	15%	(E) Percent completed as of January 2021	35%	(F) Type of design contract	Design Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	Yes	(A) Standard or Definitive Design	No	(B) Where design was previously used		(A) Production of plans and specifications	\$965	(B) All other design costs	\$1,448	(C) Total	\$2,413	(D) Contract	\$1,568	(E) In-house	\$845
(A) Date design or Parametric Cost Estimate started	08/2018																																	
(B) Date 35% Design or Parametric Cost Estimate complete	03/2019																																	
(C) Date design completed	09/2022																																	
(D) Percent completed as of September 2020	15%																																	
(E) Percent completed as of January 2021	35%																																	
(F) Type of design contract	Design Build																																	
(G) Parametric Estimate used to develop cost	Yes																																	
(H) Energy Study/Life Cycle Analysis performed	Yes																																	
(A) Standard or Definitive Design	No																																	
(B) Where design was previously used																																		
(A) Production of plans and specifications	\$965																																	
(B) All other design costs	\$1,448																																	
(C) Total	\$2,413																																	
(D) Contract	\$1,568																																	
(E) In-house	\$845																																	

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N60495(CA) NAS FALLON NV (TARGET B-17) FALLON, NEVADA			4. Project Title Training Range Land Acquisition - Phase 2	
5. Program Element 0703976N	6. Category Code 91110	7. Project Number P445	8. Project Cost (\$000) 48,250	
6. Construction complete: 12/2024 B. Equipment associated with this project which will be provided from other appropriations: NONE CERTIFYING OFFICIAL STATEMENT: The Regional Commander certifies that this project has been considered for joint use potential. Joint use is recommended. Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 Manager				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM								2. Date MAY 2021	
3. Installation and Location: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA					4. Command Commandant of the Marine Corps			5. Area Const Cost Index 1.01		
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	3961	37504	3982	1994	38941	55	0	0	61454	147491
	3939	36359	3588	1948	38559	52	0	0	61454	145899
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(124480 Acres)										
B. INVENTORY AS OF 30 SEP 2020 17,678,239										
C. AUTHORIZATION NOT YET IN INVENTORY 1,658,861										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>			
61070	II MEF Operations Center Replacement (INC)	12/2017		02/2021		16768 m2	42,200			
TOTAL							42,200			
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										
10. Mission or Major Functions:										
MCB Camp Lejeune supports the combat readiness of 2nd Marine Expeditionary Force units by providing training, logistic, garrison, mobilization and deployment support and a wide range of quality of life services including housing, safety and security, medical and dental care, family services, off-duty education and recreation. The base conducts specialized schools and other training and receives and processes students in order to conduct field training in basic combat skills. MCB Camp Lejeune promotes the combat readiness of the Operating Forces and supports the mission of other tenant commands.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM		2. Date MAY 2021
3. Installation and Location: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.01	

Blank Page

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title II MEF Operations Center Replacement (INC)	
5. Program Element 0202176M	6. Category Code 61070	7. Project Number P1800B	8. Project Cost (\$000) 42,200	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
II MEF OPERATIONS CENTER REPLACEMENT (INC) (180,485SF)	m2	16,767.6		68,600
MEF/MEB HEADQUARTERS CC61070 (180,485SF)	m2	16,767.6	3,725.03	(62,460)
CYBERSECURITY FEATURES	LS			(500)
BUILT-IN EQUIPMENT	LS			(2,120)
SPECIAL COSTS	LS			(2,850)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(670)
SUPPORTING FACILITIES				37,680
SITE PREPARATIONS	LS			(6,730)
SPECIAL FOUNDATION FEATURES	LS			(4,710)
PAVING AND SITE IMPROVEMENTS	LS			(7,460)
ANTI-TERRORISM/FORCE PROTECTION	LS			(1,300)
ELECTRICAL UTILITIES	LS			(5,220)
MECHANICAL UTILITIES	LS			(2,170)
ENVIRONMENTAL MITIGATION	LS			(1,990)
DEMOLITION	LS			(8,100)
SUBTOTAL				106,280
CONTINGENCY (5%)				5,310
TOTAL CONTRACT COST				111,590
SIOH (5.7%)				6,360
SUBTOTAL				117,950
DESIGN/BUILD - DESIGN COST				4,250
TOTAL REQUEST ROUNDED				122,200
TOTAL REQUEST				122,200
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(7,210)
10. Description of Proposed Construction: Constructs a multi-story, administrative and academic instruction facility for II Marine Expeditionary Force (MEF) and 2nd Marine Expeditionary Brigade (MEB) Headquarters with Littoral Warfare Training Center (LWTC). Construction to include reinforced CMU on concrete pile foundations with				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title II MEF Operations Center Replacement (INC)	
5. Program Element 0202176M	6. Category Code 61070	7. Project Number P1800B	8. Project Cost (\$000) 42,200	
<p>structural steel framing, reinforced masonry walls, brick veneer, reinforced concrete floors, and standing seam metal roofs.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria.</p> <p>This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings.</p> <p>Built-in equipment includes elevators, emergency generators, fire pump with generator backup, raised computer flooring, under floor fire detection system and uninterruptible power supply.</p> <p>Special costs include Post Construction Contract Award Services (PCAS), Geospatial Data Survey and Mapping, cybersecurity commissioning and Architectural features. The cybersecurity commissioning cost is to cover the contractor's submittals, administrative actions and compliance with the Department of the Navy's (DON) cybersecurity requirements as well as DON's in-house cost to review contractor submittals and to implement steps necessary for obtaining Authority to Operate. Building Architecture is defined by the Base Exterior Architecture Plan.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>DoD and DON principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Site preparation includes removal of contaminated soil and grading and fill.</p> <p>Special foundation features include pile foundation.</p> <p>Paving and site improvements include clearing and grubbing, grading, parking, access road, curbs, sidewalks, landscaping, and storm water drainage. LEED compliance (outside) includes increased landscape area, pervious surfaces, and storm water retention pond, piping and structures.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title II MEF Operations Center Replacement (INC)	
5. Program Element 0202176M	6. Category Code 61070	7. Project Number P1800B	8. Project Cost (\$000) 42,200	
<p>Electrical systems include primary and secondary distribution systems, lighting, transformers, and telecommunications infrastructure.</p> <p>Mechanical systems include heating, chemical vapor mitigation system, water lines, sanitary sewer lines, fire protection systems and supply lines.</p> <p>Environmental mitigation includes asbestos removal and abatement.</p> <p>This project will demolish the following facilities: H1, H14B, H17, H21, H21A, H22, H34, and H84.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facilities Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p>				
11. Requirement: <u>16,767 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u> PROJECT: Constructs new HQ facilities for personnel (now housed in Building #H1) for II MEF and 2nd Marine Expeditionary Brigade (MEB) with Littoral Warfare Training Center (LWTC) at Hospital Point. (Current Mission) REQUIREMENT: Adequate and efficiently configured facilities to house the Command Elements at Camp Lejeune are required. Camp Lejeune is the host activity for the II MEF Command, 2D Marine Division Command and 2D Marine Logistics Group. The proposed facilities will house the Command Element staff and personnel that support these Commands as well as the LWTC Training Center. To support this requirement, facilities capable of efficiently housing approximately 1400 personnel is required. CURRENT SITUATION: The personnel to be located in the proposed project are currently housed in Buildings #H1 which was constructed in 1942 as a Naval Hospital. Building #H1, the current headquarters of II MEF, is a woefully inefficient facility for its current use. Constructed originally as a hospital, the building has 16 wings, branching from a central corridor that is approximately a quarter-mile long, which was a typical design of medical facilities during that time period. These corridors total approximately 70,000 SF, which equals 20 percent of the total building space. The				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																												
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title II MEF Operations Center Replacement (INC)																													
5. Program Element 0202176M	6. Category Code 61070	7. Project Number P1800B	8. Project Cost (\$000) 42,200																													
<p>numerous elements of II MEF are distributed throughout the wings, creating barriers to communication and secure information sharing. Current building configuration results in a disparity of space assignment. In areas personnel are crowded into tight cubicles; whereas other personnel in other portions of the building have spaces greater than current standards due to not being large enough for a second person. The building does not comply with Americans with Disabilities Act (ADA) requirements. The building also contains NAVOSH deficiencies for improper stairwells with combustible materials along with asbestos and lead paint. A mold problem in the unfinished portion of the basement continues to effect the building's interior environment. Over the past three year approximately \$3M has been spent on maintenance and sustainment. Projected renovation costs for the Building H1 total \$124M and will take roughly 10 years to complete.</p> <p>This project is not located in a 100-year floodplain.</p>																																
<p>IMPACT IF NOT PROVIDED:</p> <p>Without this project, the occupying personnel will continue to operate in buildings that are over 70 years old and functionally inadequate. Without major rehabilitation work, there will continue to be deterioration along with costly renovations and increased sustainment costs.</p>																																
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>12/2017</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>09/2018</td> </tr> <tr> <td>(C) Date design completed</td> <td>02/2021</td> </tr> <tr> <td>(D) Percent completed as of September 2018</td> <td>15%</td> </tr> <tr> <td>(E) Percent completed as of January 2021</td> <td>65%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>Yes</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design</td> <td>No</td> </tr> <tr> <td>(B) Where design was previously used</td> <td></td> </tr> </table> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <table> <tr> <td>(A) Production of plans and specifications</td> <td>\$2,444</td> </tr> <tr> <td>(B) All other design costs</td> <td>\$3,666</td> </tr> <tr> <td>(C) Total</td> <td>\$6,110</td> </tr> <tr> <td>(D) Contract</td> <td>\$3,972</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	12/2017	(B) Date 35% Design or Parametric Cost Estimate complete	09/2018	(C) Date design completed	02/2021	(D) Percent completed as of September 2018	15%	(E) Percent completed as of January 2021	65%	(F) Type of design contract	Design Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	Yes	(A) Standard or Definitive Design	No	(B) Where design was previously used		(A) Production of plans and specifications	\$2,444	(B) All other design costs	\$3,666	(C) Total	\$6,110	(D) Contract	\$3,972
(A) Date design or Parametric Cost Estimate started	12/2017																															
(B) Date 35% Design or Parametric Cost Estimate complete	09/2018																															
(C) Date design completed	02/2021																															
(D) Percent completed as of September 2018	15%																															
(E) Percent completed as of January 2021	65%																															
(F) Type of design contract	Design Build																															
(G) Parametric Estimate used to develop cost	Yes																															
(H) Energy Study/Life Cycle Analysis performed	Yes																															
(A) Standard or Definitive Design	No																															
(B) Where design was previously used																																
(A) Production of plans and specifications	\$2,444																															
(B) All other design costs	\$3,666																															
(C) Total	\$6,110																															
(D) Contract	\$3,972																															

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																												
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title II MEF Operations Center Replacement (INC)																													
5. Program Element 0202176M	6. Category Code 61070	7. Project Number P1800B	8. Project Cost (\$000) 42,200																													
(E) In-house \$2,138 4. Contract award: 12/2020 5. Construction start: 02/2021 6. Construction complete: 02/2024																																
B. Equipment associated with this project which will be provided from other appropriations:																																
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: left;"><u>Procuring</u></th> <th style="text-align: left;"><u>FY Approp</u></th> <th></th> </tr> <tr> <th style="text-align: left;"><u>Nomenclature</u></th> <th style="text-align: left;"><u>Approp</u></th> <th style="text-align: left;"><u>or Requested</u></th> <th style="text-align: left;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Audio Visual Support Equipment</td> <td>O&MMC</td> <td>Future Request</td> <td style="text-align: right;">650</td> </tr> <tr> <td>Electronic Security Sys (ESS)</td> <td>PMC</td> <td>Future Request</td> <td style="text-align: right;">220</td> </tr> <tr> <td>Furniture, Fixtures and Equipment</td> <td>O&MMC</td> <td>Future Request</td> <td style="text-align: right;">6,000</td> </tr> <tr> <td>Mass Notification Sys</td> <td>PMC</td> <td>Future Request</td> <td style="text-align: right;">40</td> </tr> <tr> <td>NEXGEN Cost</td> <td>OPN</td> <td>Future Request</td> <td style="text-align: right;">300</td> </tr> </tbody> </table>					<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	Audio Visual Support Equipment	O&MMC	Future Request	650	Electronic Security Sys (ESS)	PMC	Future Request	220	Furniture, Fixtures and Equipment	O&MMC	Future Request	6,000	Mass Notification Sys	PMC	Future Request	40	NEXGEN Cost	OPN	Future Request	300
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>																														
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>																													
Audio Visual Support Equipment	O&MMC	Future Request	650																													
Electronic Security Sys (ESS)	PMC	Future Request	220																													
Furniture, Fixtures and Equipment	O&MMC	Future Request	6,000																													
Mass Notification Sys	PMC	Future Request	40																													
NEXGEN Cost	OPN	Future Request	300																													
CERTIFYING OFFICIAL STATEMENT: The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.																																
Authorization and Appropriation Summary <table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th></th> <th style="text-align: right;">Authorization (\$000)</th> <th style="text-align: right;">Auth of Approp (\$000)</th> <th style="text-align: right;">Approp (\$000)</th> </tr> </thead> <tbody> <tr> <td>FY 2020 Enacted</td> <td style="text-align: right;">122,200</td> <td style="text-align: right;">60,000</td> <td style="text-align: right;">60,000</td> </tr> <tr> <td>FY 2021 Enacted</td> <td style="text-align: right;">0</td> <td style="text-align: right;">20,000</td> <td style="text-align: right;">20,000</td> </tr> <tr> <td>FY 2022 Request</td> <td style="text-align: right;">0</td> <td style="text-align: right;">42,200</td> <td style="text-align: right;">42,200</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">122,200</td> <td style="text-align: right;">122,200</td> <td style="text-align: right;">122,200</td> </tr> </tbody> </table>						Authorization (\$000)	Auth of Approp (\$000)	Approp (\$000)	FY 2020 Enacted	122,200	60,000	60,000	FY 2021 Enacted	0	20,000	20,000	FY 2022 Request	0	42,200	42,200	Total	122,200	122,200	122,200								
	Authorization (\$000)	Auth of Approp (\$000)	Approp (\$000)																													
FY 2020 Enacted	122,200	60,000	60,000																													
FY 2021 Enacted	0	20,000	20,000																													
FY 2022 Request	0	42,200	42,200																													
Total	122,200	122,200	122,200																													
Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 Manager																																

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title II MEF Operations Center Replacement (INC)	
5. Program Element 0202176M	6. Category Code 61070	7. Project Number P1800B	8. Project Cost (\$000) 42,200	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM							2. Date MAY 2021		
3. Installation and Location: M00146 MCAS CHERRY POINT NC CHERRY POINT MCAS, NORTH CAROLINA					4. Command Commandant of the Marine Corps			5. Area Const Cost Index 1.03		
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	776	6294	1922	217	2256	1	0	0	58731	69796
	808	6423	1522	197	2159	1	0	0	58731	69841
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(15129 Acres)										
B. INVENTORY AS OF 30 SEP 2020 5,258,729										
C. AUTHORIZATION NOT YET IN INVENTORY 506,361										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM 321,417										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
21105	Aircraft Maintenance Hangar	09/2019	06/2022	91600 m2	207,897					
81232	F-35 Flightline Utilities	09/2019	12/2021	0 LS	113,520					
	Upgrade Phase 2									
				TOTAL	321,417					
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										
10. Mission or Major Functions:										
Marine Corps Air Station Cherry Point supports and enhances the combat readiness of 2nd Marine Aircraft Wing units and other Department of Defense units while improving the quality of life for military personnel, their families, and work force assigned to the Air Station. The Air Station maintains facilities and property, provides security and other services, and operates the airfield in support of tenant units and other forces training/preparing for combat in order to deter, prevent, and defeat threats and aggression aimed at the United States.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM		2. Date MAY 2021
3. Installation and Location: M00146 MCAS CHERRY POINT NC CHERRY POINT MCAS, NORTH CAROLINA		4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.03
<p>Blank Page</p>			

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT MCAS, NORTH CAROLINA			4. Project Title Aircraft Maintenance Hangar	
5. Program Element 0202176M	6. Category Code 21105	7. Project Number P197	8. Project Cost (\$000) 207,897	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
AIRCRAFT MAINTENANCE HANGAR (985,975SF)	m2	91,600.1		156,330
MAINTENANCE HANGAR CC21105 (167,051SF)	m2	15,519.5	5,917.27	(91,830)
SECURE AREA (PREMIUM) CC21107	LS			(1,940)
PARKING FACILITY CC85310 (545,999SF)	m2	50,725	832.81	(42,240)
AIRCRAFT PARKING APRON	m2	25,355.6	215.99	(5,480)
CYBERSECURITY FEATURES	LS			(510)
BUILT-IN EQUIPMENT	LS			(8,220)
SPECIAL COSTS	LS			(5,500)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(610)
SUPPORTING FACILITIES				24,470
SITE PREPARATIONS	LS			(3,320)
SPECIAL FOUNDATION FEATURES	LS			(8,140)
PAVING AND SITE IMPROVEMENTS	LS			(2,710)
ANTI-TERRORISM/FORCE PROTECTION	LS			(980)
ELECTRICAL UTILITIES	LS			(1,260)
MECHANICAL UTILITIES	LS			(2,350)
ENVIRONMENTAL MITIGATION	LS			(5,710)
SUBTOTAL				180,800
CONTINGENCY (5%)				9,040
TOTAL CONTRACT COST				189,840
SIOH (5.7%)				10,820
SUBTOTAL				200,660
DESIGN/BUILD - DESIGN COST				7,230
TOTAL REQUEST ROUNDED				207,890
TOTAL REQUEST				207,897
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(12,480)
10. Description of Proposed Construction:				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT MCAS, NORTH CAROLINA			4. Project Title Aircraft Maintenance Hangar	
5. Program Element 0202176M	6. Category Code 21105	7. Project Number P197	8. Project Cost (\$000) 207,897	
<p>Constructs a multi-story two-squadron module Type 1 maintenance hangar for the F-35B Lightning II aircraft. The facility will include high-bay spaces, maintenance shop spaces, equipment support spaces, crew and personnel support spaces, secure areas, training and administrative spaces. The facility will be steel framed with steel roof trusses, pre-finished insulated metal roof, concrete masonry unit walls and be supported by reinforced concrete pile foundations.</p> <p>Constructs a multi-story parking garage for approximately 1,700 vehicles. The facility will be constructed of precast prestressed concrete columns, beams and long span double tee beams and support by reinforce concrete pile foundations.</p> <p>Renovates the existing parking apron and taxiway by updating the stripping plans, electrical grounding systems, work station kiosks and sunshade structures.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria.</p> <p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per Unified Facility Criteria (UFC) 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.</p> <p>Built-in equipment includes fire suppression system, compressed air system, passenger and freight elevators, 5-ton overhead bridge cranes, high pressure cooling air system, and emergency power.</p> <p>Special costs include Post Construction Contract Award Services (PCAS), Post Award Design Services (PADS), geospatial surveys and mapping, enhanced building commissioning and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the contractor's submittals, administrative actions and compliance with the Department of Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>DOD and DON principles for high performance and sustainable building</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT MCAS, NORTH CAROLINA			4. Project Title Aircraft Maintenance Hangar	
5. Program Element 0202176M	6. Category Code 21105	7. Project Number P197	8. Project Cost (\$000) 207,897	
<p>requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Site preparations include stormwater infiltration chambers, excavation cut and fill and site grading.</p> <p>Special foundation features include pile foundations.</p> <p>Paving and site improvements include wash rack and hazardous materials areas, stormwater drainage systems, asphalt pavements, traffic signals.</p> <p>AT/FP features outside of the buildings include flight line fencing, pedestrian and vehicle gates.</p> <p>Electrical utilities include electrical distribution and communication distribution.</p> <p>Mechanical utilities include water distribution and valves, sanitary distribution, storm drainage, natural gas connection, oil water separator, and an industrial waste storage tank.</p> <p>Environmental mitigation includes mitigation of contaminated soil and contaminated groundwater at the site.</p> <p>This project demolishes Building 1670 (877 m2), Building 1699 (920 m2), Building 4157 (203 m2), Building 4158 (49 m2) and Building 4159 (57 m2).</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p>				
<p>11. Requirement: <u>91,600 m2</u> Adequate: Substandard:</p> <p>PROJECT:</p> <p>Constructs a multi-story two-squadron module Type 1 maintenance hangar for the F-35 aircraft including a high-bay space, crew and equipment space, administrative space. Project includes taxiway remarking and renovation to existing aircraft parking aprons in order to provide electrical grounding, work station kiosks and sun shades. Project also will construct a parking</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																				
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT MCAS, NORTH CAROLINA			4. Project Title Aircraft Maintenance Hangar																					
5. Program Element 0202176M	6. Category Code 21105	7. Project Number P197	8. Project Cost (\$000) 207,897																					
<p>facility and aircraft wash rack.</p> <p>(New Mission)</p> <p>REQUIREMENT:</p> <p>Adequate and properly configured operational and maintenance facilities are required to support the basing of the F-35B Lightning II. The two module maintenance hangar is required to provide weather-protected shelter for the servicing and repair of aircraft at the organizational level and emergency shelter for inoperable aircraft.</p> <p>The hangar will support two F-35 squadrons. The first squadron will arrive in FY24 and the second will arrive in 2025. Beneficial occupancy date (BOD) will be phased to support the arrival of the two squadrons.</p> <p>CURRENT SITUATION:</p> <p>There are no existing hangars that can support the requirements of the F-35B aircraft.</p> <p>This project is not sited in a 100-year floodplain.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If this project is not provided, the station will be unable to support the planned basing of F-35 squadrons.</p>																								
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>09/2019</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>03/2020</td> </tr> <tr> <td>(C) Date design completed</td> <td>06/2022</td> </tr> <tr> <td>(D) Percent completed as of September 2020</td> <td>15%</td> </tr> <tr> <td>(E) Percent completed as of January 2021</td> <td>35%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>Yes</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design</td> <td>No</td> </tr> <tr> <td>(B) Where design was previously used</td> <td></td> </tr> </table> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p>					(A) Date design or Parametric Cost Estimate started	09/2019	(B) Date 35% Design or Parametric Cost Estimate complete	03/2020	(C) Date design completed	06/2022	(D) Percent completed as of September 2020	15%	(E) Percent completed as of January 2021	35%	(F) Type of design contract	Design Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	Yes	(A) Standard or Definitive Design	No	(B) Where design was previously used	
(A) Date design or Parametric Cost Estimate started	09/2019																							
(B) Date 35% Design or Parametric Cost Estimate complete	03/2020																							
(C) Date design completed	06/2022																							
(D) Percent completed as of September 2020	15%																							
(E) Percent completed as of January 2021	35%																							
(F) Type of design contract	Design Build																							
(G) Parametric Estimate used to develop cost	Yes																							
(H) Energy Study/Life Cycle Analysis performed	Yes																							
(A) Standard or Definitive Design	No																							
(B) Where design was previously used																								

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT MCAS, NORTH CAROLINA			4. Project Title Aircraft Maintenance Hangar	
5. Program Element 0202176M	6. Category Code 21105	7. Project Number P197	8. Project Cost (\$000) 207,897	
(A) Production of plans and specifications			\$4,172	
(B) All other design costs			\$6,259	
(C) Total			\$10,431	
(D) Contract			\$6,780	
(E) In-house			\$3,651	
4. Contract award:			12/2021	
5. Construction start:			06/2022	
6. Construction complete:			12/2024	
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Aircraft Protective Shelters - Sunshades	O&MMC	Future Request	5,430	
Audio Visual	O&MMC	Future Request	660	
Furniture, Fixtures and Equipment	O&MMC	Future Request	5,770	
Information Technology/Communications	O&MMC	Future Request	70	
Physical Security Equipment	O&MMC	Future Request	440	
RSL & Placards	O&MMC	Future Request	110	
CERTIFYING OFFICIAL STATEMENT:				
Assistant Deputy Commandant Installations and Logistics (Facilities) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: NAVFAC HQ MILCON Program Manager		Phone No: 202-685-9401		

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT MCAS, NORTH CAROLINA			4. Project Title Aircraft Maintenance Hangar	
5. Program Element 0202176M	6. Category Code 21105	7. Project Number P197	8. Project Cost (\$000) 207,897	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT MCAS, NORTH CAROLINA			4. Project Title F-35 Flightline Utilities Modernization Phase 2	
5. Program Element 0202176M	6. Category Code 81232	7. Project Number P239	8. Project Cost (\$000) 113,520	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
F-35 FLIGHTLINE UTILITIES MODERNIZATION PHASE II	LS			56,070
FIRE PROTECTION SYSTEMS CC84310	LS			(18,860)
MECHANICAL SYSTEMS CC82212	LS			(23,210)
ELECTRICAL SYSTEMS CC13510	LS			(10,060)
CYBERSECURITY FEATURES	LS			(250)
SPECIAL COSTS	LS			(2,730)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(960)
SUPPORTING FACILITIES				46,220
SPECIAL CONSTRUCTION FEATURES	LS			(460)
SITE PREPARATIONS	LS			(22,020)
PAVING AND SITE IMPROVEMENTS	LS			(13,360)
ELECTRICAL UTILITIES	LS			(9,840)
ENVIRONMENTAL MITIGATION	LS			(60)
DEMOLITION	LS			(480)
SUBTOTAL				102,290
CONTINGENCY (5%)				5,110
TOTAL CONTRACT COST				107,400
SIOH (5.7%)				6,120
SUBTOTAL				113,520
TOTAL REQUEST ROUNDED				113,520
TOTAL REQUEST				113,520
10. Description of Proposed Construction:				
<p>Construct a new pipeline for the fire protection system for the buildings along the flight line. The new pipeline will connect to the existing fire pump building on C Street. Construct three new water storage towers, including the installation of new piping and valves.</p> <p>Repair the sanitary sewer system. The collection mains will be upgraded to a gravity collection system. Repair the potable water distribution system along A Street to correct the hydraulics and improve water quality. Repair the existing industrial wastewater lines by providing a new oil water</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT MCAS, NORTH CAROLINA			4. Project Title F-35 Flightline Utilities Modernization Phase 2	
5. Program Element 0202176M	6. Category Code 81232	7. Project Number P239	8. Project Cost (\$000) 113,520	
<p>separator and pipelines. Repair the storm drain piping, structures and culverts along A Street. Construct a new natural gas line. Repair an existing steam distribution system by providing new lines, manholes and connections.</p> <p>Modernize Substation 2 to accommodate a new voltage regulator and vacuum circuit breakers to support the Substation 2 upgrade to 40 megawatt. Construct new communication pathways consisting of duct banks, manholes, and other associated work along A Street.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria.</p> <p>The project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per Unified Facility Criteria (UFC) 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.</p> <p>Special costs include Post Construction Contract Award Services (PCAS), Post Award Design Services (PADS), geospatial surveys and mapping, enhanced building commissioning and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the contractor's submittals, administrative actions and compliance with the Department of Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate. Temporary parking lots will be built as support facilities to mitigate the loss of spaces during A Street reconstruction.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>Department of Defense and Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Site Preparation includes road demolition, site demolition, earthwork, and erosion and sediment control. Earthwork includes the treatment and management of contaminated groundwater and soils.</p> <p>Paving and site improvements include landscaping, sidewalks, jogging trail,</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT MCAS, NORTH CAROLINA			4. Project Title F-35 Flightline Utilities Modernization Phase 2	
5. Program Element 0202176M	6. Category Code 81232	7. Project Number P239	8. Project Cost (\$000) 113,520	
<p>Fire pump buildings are over 50 years old and do not meet current National Fire Protection Standards for stationary fire pumps. Based on the number of buildings being demolished followed by new construction, the opportunity exists to develop a fire system to serve the high-risk facilities in the flight line corridor area. Separating the potable and fire water systems will correct hydraulic flows and help water aging problems.</p> <p>There are three existing elevated water tanks in the core area. The newest tank is 45 years old and the other two tanks are near 70 years old.</p> <p>The Station has over 5,000 feet of old vitrified clay sewer mains in the core area. These aged pipes allow inflow and infiltration into the collection system. Treating rainwater increases costs and energy.</p> <p>Existing flight line facilities produce oily wastewater along with wastewater containing heavy metals and cyanide. New F-35 facilities are anticipated to produce oil and grease from aircraft wash down. The industrial wastewater collection mains have inflow and infiltration problems that allow a large quantity of ground water to enter the system. The influx of ground water weakens the strength of the wastewater and makes it more difficult to treat, at a larger cost than necessary. Natural gas is not currently on base.</p> <p>The power distribution along A Street needs to be modernized. The duct bank and switches need to be replaced with new instead of just adapting the existing system. The transformers which serve all the existing buildings should be demolished. The substation on Highway 101 does not have the capacity to fully support the Base.</p> <p>Telecommunication capacity in the flight line corridor itself is not an issue, however, connecting it back to the main central office is a concern because cable pairs/strands and pathway space is not available. New construction will affect current pathway of the trunk communications cables, as there is not space for duplicate feeds for coexisting old and new lines during construction. Current cable on A Street will not support planned construction.</p> <p>The existing steam piping network is in need of replacement due to broken pipes, leaking valves, malfunctioning sump pumps and flooded manholes. The roadway pavement on A Street needs to be replaced due to the installation of numerous utility systems beneath the roadway. Temporary parking lots will be constructed prior to the utility installations and</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																														
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT MCAS, NORTH CAROLINA			4. Project Title F-35 Flightline Utilities Modernization Phase 2																															
5. Program Element 0202176M	6. Category Code 81232	7. Project Number P239	8. Project Cost (\$000) 113,520																															
<p>roadway reconstruction.</p> <p>This project is not sited in a 100-year floodplain.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If this project is not provided, the station will not be able to provide a reliable utilities infrastructure required to support the planned basing of F-35 squadrons resulting in unwarranted operational risk to the 2nd Marine Aircraft Wing's ability to conduct training and operations due to an aged, failing and inadequate utilities capability.</p>																																		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>09/2019</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>01/2021</td> </tr> <tr> <td>(C) Date design completed</td> <td>12/2021</td> </tr> <tr> <td>(D) Percent completed as of September 2020</td> <td>15%</td> </tr> <tr> <td>(E) Percent completed as of January 2021</td> <td>35%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Bid Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>No</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design</td> <td>No</td> </tr> <tr> <td>(B) Where design was previously used</td> <td></td> </tr> </table> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <table> <tr> <td>(A) Production of plans and specifications</td> <td>\$6,811</td> </tr> <tr> <td>(B) All other design costs</td> <td>\$3,406</td> </tr> <tr> <td>(C) Total</td> <td>\$10,217</td> </tr> <tr> <td>(D) Contract</td> <td>\$8,230</td> </tr> <tr> <td>(E) In-house</td> <td>\$1,987</td> </tr> </table> <p>4. Contract award: 06/2022</p> <p>5. Construction start: 07/2022</p> <p>6. Construction complete: 12/2024</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p> <p>CERTIFYING OFFICIAL STATEMENT:</p>					(A) Date design or Parametric Cost Estimate started	09/2019	(B) Date 35% Design or Parametric Cost Estimate complete	01/2021	(C) Date design completed	12/2021	(D) Percent completed as of September 2020	15%	(E) Percent completed as of January 2021	35%	(F) Type of design contract	Design Bid Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	No	(A) Standard or Definitive Design	No	(B) Where design was previously used		(A) Production of plans and specifications	\$6,811	(B) All other design costs	\$3,406	(C) Total	\$10,217	(D) Contract	\$8,230	(E) In-house	\$1,987
(A) Date design or Parametric Cost Estimate started	09/2019																																	
(B) Date 35% Design or Parametric Cost Estimate complete	01/2021																																	
(C) Date design completed	12/2021																																	
(D) Percent completed as of September 2020	15%																																	
(E) Percent completed as of January 2021	35%																																	
(F) Type of design contract	Design Bid Build																																	
(G) Parametric Estimate used to develop cost	Yes																																	
(H) Energy Study/Life Cycle Analysis performed	No																																	
(A) Standard or Definitive Design	No																																	
(B) Where design was previously used																																		
(A) Production of plans and specifications	\$6,811																																	
(B) All other design costs	\$3,406																																	
(C) Total	\$10,217																																	
(D) Contract	\$8,230																																	
(E) In-house	\$1,987																																	

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT MCAS, NORTH CAROLINA			4. Project Title F-35 Flightline Utilities Modernization Phase 2	
5. Program Element 0202176M	6. Category Code 81232	7. Project Number P239	8. Project Cost (\$000) 113,520	
<p>Assistant Deputy Commandant Installations and Logistics (Facilities) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p> <p>Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 Manager</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM									2. Date MAY 2021
3. Installation and Location: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA						4. Command Commander Navy Installations Command			5. Area Const Cost Index 1	
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	4283	37286	9177	0	0	0	320	691	0	51757
	4546	42511	9177	0	0	0	320	691	0	57245
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(3686 Acres)										
B. INVENTORY AS OF 30 SEP 2020 10,389,223										
C. AUTHORIZATION NOT YET IN INVENTORY 233,308										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM 269,693										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>			
15120	Submarine Pier 3 (INC)	11/2018		02/2021		0 LS	88,923			
TOTAL							88,923			
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										
10. Mission or Major Functions:										
<p>Naval Station Norfolk functions as the primary operating base of the Atlantic Fleet. It provides port and airfield services, extensive facilities to support the many functions performed on the base, and the full range of services needed to enhance the quality of service and quality of life of military personnel and their families. Naval Station, Norfolk is homeport to over 80 ships, including five aircraft carriers, surface escorts and other combatants, logistics support ships, and attack submarines. It also maintains 15 fixed-wing and helicopter squadrons, a contract fleet readiness squadron for C-12, and air cargo and air passenger terminals. In addition, the airfield hosts transport aircraft (C-9, C-5, C-130, B-757, DC-8, DC-5, L1011).</p>										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM	2. Date MAY 2021
3. Installation and Location: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1

Blank Page

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title Submarine Pier 3 (INC)	
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P095	8. Project Cost (\$000) 88,923	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
SUBMARINE PIER 3	LS			169,990
SUBMARINE PIER3 CC15120 (113,021SF)	m2	10,500	5,564.26	(58,420)
SUBMARINE WHARF3 CC15220 (80,073SF)	m2	7,439	6,608.44	(49,160)
UTILITY SERVICES BUILDING CC89045 (17,039SF)	m2	1,583	4,092.87	(6,480)
CYBERSECURITY FEATURES	LS			(250)
DREDGING	m3	88,000	285.36	(25,110)
BUILT-IN EQUIPMENT	LS			(26,610)
SPECIAL COSTS	LS			(2,960)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(1,000)
SUPPORTING FACILITIES				73,010
SPECIAL CONSTRUCTION FEATURES	LS			(16,690)
SITE PREPARATIONS	LS			(3,030)
SPECIAL FOUNDATION FEATURES	LS			(1,140)
PAVING AND SITE IMPROVEMENTS	LS			(1,510)
ANTI-TERRORISM/FORCE PROTECTION	LS			(2,490)
ELECTRICAL UTILITIES	LS			(270)
MECHANICAL UTILITIES	LS			(1,770)
ENVIRONMENTAL MITIGATION	LS			(30,080)
DEMOLITION	LS			(16,030)
SUBTOTAL				243,000
CONTINGENCY (5%)				12,150
TOTAL CONTRACT COST				255,150
SIOH (5.7%)				14,540
SUBTOTAL				269,690
TOTAL REQUEST ROUNDED				269,690
TOTAL REQUEST				269,693
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,350)
10. Description of Proposed Construction:				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title Submarine Pier 3 (INC)	
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P095	8. Project Cost (\$000) 88,923	
<p>Constructs a reinforced concrete single-deck pier supported by a reinforced concrete pile foundation. A fender system will be constructed on the north and south sides of the pier.</p> <p>Constructs a wharf to replace part of the existing bulkhead. The wharf structure includes steel bulkhead and reinforced concrete relieving platform supported on a steel pile foundation. The top elevation of the wharf will match the top of pier deck elevation. The north edge of wharf will align with the north edge of pier and have a continuous fender system.</p> <p>Electrical utilities on pier and wharf will include primary power distribution, shore power, industrial power, high mast lighting, and grounding. Secondary unit substations will consist of secondary transformers, switchgear, and breakers in weatherproof enclosures compatible for use on all 34.5kV upgraded piers. Shore power outlet stations will be provided for each berth. Utilities also include telephone, cable television, fiber optic communications, and fire alarm system. Advanced metering infrastructure and a supervisory control and data acquisition system will be provided for gas switches, secondary substations, pad-mounted transformers and the industrial power stations. Telecommunications service centers will be provided for ship telecommunications interface.</p> <p>Mechanical utilities on pier and wharf consist of potable water, sanitary sewer, oily water/waste oil, pure water, fire protection water lines, and low- and high-pressure compressed air systems with ship hose service connections and expansion and freeze protection devices.</p> <p>Constructs an utility services building on pile foundation with reinforced concrete slab, load bearing concrete masonry concrete masonry unit walls and standing seam metal roof.</p> <p>Project includes dredging of sediment at the existing Pier 3 and Pier 3T demolition sites and along the new wharf.</p> <p>Facility related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria.</p> <p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per UFC 4-010-01 DoD Minimum Antiterrorism Standards for</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title Submarine Pier 3 (INC)	
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P095	8. Project Cost (\$000) 88,923	
<p>Buildings.</p> <p>Built-in equipment includes deck mounted electrical utility booms, composite berthing camels, air plants, pier substations, cooling towers, pure water system and electrical substations.</p> <p>Special costs include Post Construction Contract Award Services (PCAS) and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>DoD and DON principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate</p> <p>Special construction features include a reliving platform, replacement of bulkheads at Pier 3T and Pier 3 abutments and berthing upgrades to Pier 4.</p> <p>Site preparation includes earthwork and removing paving and slabs.</p> <p>Special foundation features include pilings for the utility services building.</p> <p>Paving and site improvements include concrete sidewalks, access road and security fencing.</p> <p>The project includes perimeter fence and reconfiguration of moveable port security water barrier by placing new anchoring points. The perimeter fence will enclave the area around Pier 3 and CEP-176 wharf and include a guard house, vehicular gates with passive vehicle barriers, pedestrian turnstiles and perimeter lighting.</p> <p>Shore-side mechanical utilities include potable water, sanitary sewer, oily water/waste oil, pure water, low- and high-pressure compressed air and fire protection water</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title Submarine Pier 3 (INC)	
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P095	8. Project Cost (\$000) 88,923	
<p>lines.</p> <p>Project includes demolition of existing Pier 3 (5,829 m2) and Pier 3T (2,207 m2). South side of existing Pier 3 will be used to berth submarines during construction of the new pier and wharf. Pier 3 will be demolished upon completion of construction of new pier/wharf as the pier/wharf can support the berthing of submarines and existing Pier 3 will no longer be needed.</p> <p>Environmental mitigations include a radiological control survey of concrete demolition material, removal of fuel tank, storm water management, dredging permits, testing, disposal and treatment of dredged materials and marine mammal monitoring.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p> <p>Pier and wharf are located in the 100-year flood plain. Top of the pier deck and the top of wharf deck elevation will be a minimum of two-feet above the high-water level of the projected 100-year flood. Mission critical substations will be elevated on pads three-feet above the high-water level of the projected 100-year flood. The utility service building is not sited in a 100-year flood plain.</p>				
<p>11. Requirement: <u>19,522 m2</u> Adequate: Substandard:</p> <p>PROJECT:</p> <p>Constructs a new berthing pier and new berthing wharf to support the Los Angeles (LA) and Virginia (VA) Class submarines. An unoccupied utility services building will be constructed to support shore-to-ship services. Project will demolish two inadequate piers and includes dredging around these demolished piers.</p> <p>(New Mission)</p> <p>REQUIREMENT:</p> <p>Adequate, efficient and secured facilities to provide berthing and support for LA, VA, and Virginia Payload Module (VPM) class submarines homeported at Naval Station Norfolk (NSN). The proposed project recapitalizes Pier 3 and addresses submarine berthing requirements.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title Submarine Pier 3 (INC)	
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P095	8. Project Cost (\$000) 88,923	
<p>Four VA Class submarines are currently homeported, with adequate, efficient and secure facilities to provide berthing and support for LA, VA and Virginia Payload Module class submarines at Naval Station Norfolk.</p> <p>Constructed in 1944, Pier 3 is currently too narrow to for crane operations, accommodate emergency vehicle access and permit other operations simultaneously. The new pier will be wider and resolve these operational conflicts, providing submarines modern technologies and enhancing the quality of life and safety for personnel working on the pier.</p> <p>CURRENT SITUATION:</p> <p>Constructed in 1944 to support convoy escort ships used in World War II, Pier 3 cannot meet the requirements to support multiple VA Class submarines, as the pier was never intended to berth modern nuclear submarines. This pier is at 175 percent of its useful life.</p> <p>The wooden fendering system is under-designed to berth current platforms and is constantly being repaired. The existing transformers and switchgear that supply power to the submarines are antiquated, and parts for repairs on this equipment are no longer available. Additionally, the pier can no longer meet the maximum electrical demand for even the older LA Class vessels. The protective coating on the majority of the support piles is deteriorated exposing the steel to salt water and causing areas of severe corrosion. Transformers have electrical grounds that can cause damage to the equipment on board the submarine. The 50-foot pier width is so narrow that any equipment or light cranes operating on the pier block the pier. Pier loading capacity is inadequate to support required explosives handling for submarines.</p> <p>Maintenance, support and non-repair activities are severely impacted reducing efficiency and effectiveness, and generate work conflicts that result in excessive repair costs and extension of in-shore periods for combatant submarines. RADCON controls for vessel work force shutdowns of work on adjacent berths due to pier not being wide enough for safety distances to be met.</p> <p>The existing Pier 3 is so narrow it severely limits access for emergency vehicles to the offshore portions of the pier while a crane is operating at in inshore berth. The inability of first responder vehicles to access the offshore end of the pier, when blocked by a crane on the inshore portion of the pier, represents an unacceptable health/life safety risk to personnel. Furthermore, extensive damage could occur to a nuclear powered submarine, in the event of a fire of other disaster.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																														
3. Installation(SA)& Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title Submarine Pier 3 (INC)																															
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P095	8. Project Cost (\$000) 88,923																															
<p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without a new Pier 3, there will continue to exist the increased potential for systems or structural failures detrimental to personnel and equipment which will compromise the mission. Loss of Pier 3 will result in severe reduction in submarine berthing capacity at NSN as Pier 3 represents 100 percent of the nuclear submarines berthing capacity.</p> <p>Failure to provide an adequately-sized pier with sufficient load bearing capacity will severely impact NSN ability to support loading of weapons on submarines and pier-side intermediate maintenance and other logistical support. This impact will dramatically increase as the new VA Class submarines continue to deploy.</p>																																		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>11/2018</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>04/2019</td> </tr> <tr> <td>(C) Date design completed</td> <td>02/2021</td> </tr> <tr> <td>(D) Percent completed as of September 2020</td> <td>15%</td> </tr> <tr> <td>(E) Percent completed as of January 2021</td> <td>35%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Bid Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>No</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design</td> <td>No</td> </tr> <tr> <td>(B) Where design was previously used</td> <td></td> </tr> </table> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <table> <tr> <td>(A) Production of plans and specifications</td> <td>\$16,182</td> </tr> <tr> <td>(B) All other design costs</td> <td>\$8,091</td> </tr> <tr> <td>(C) Total</td> <td>\$24,273</td> </tr> <tr> <td>(D) Contract</td> <td>\$19,553</td> </tr> <tr> <td>(E) In-house</td> <td>\$4,720</td> </tr> </table> <p>4. Contract award:</p> <p>03/2022</p> <p>5. Construction start:</p> <p>03/2022</p>					(A) Date design or Parametric Cost Estimate started	11/2018	(B) Date 35% Design or Parametric Cost Estimate complete	04/2019	(C) Date design completed	02/2021	(D) Percent completed as of September 2020	15%	(E) Percent completed as of January 2021	35%	(F) Type of design contract	Design Bid Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	No	(A) Standard or Definitive Design	No	(B) Where design was previously used		(A) Production of plans and specifications	\$16,182	(B) All other design costs	\$8,091	(C) Total	\$24,273	(D) Contract	\$19,553	(E) In-house	\$4,720
(A) Date design or Parametric Cost Estimate started	11/2018																																	
(B) Date 35% Design or Parametric Cost Estimate complete	04/2019																																	
(C) Date design completed	02/2021																																	
(D) Percent completed as of September 2020	15%																																	
(E) Percent completed as of January 2021	35%																																	
(F) Type of design contract	Design Bid Build																																	
(G) Parametric Estimate used to develop cost	Yes																																	
(H) Energy Study/Life Cycle Analysis performed	No																																	
(A) Standard or Definitive Design	No																																	
(B) Where design was previously used																																		
(A) Production of plans and specifications	\$16,182																																	
(B) All other design costs	\$8,091																																	
(C) Total	\$24,273																																	
(D) Contract	\$19,553																																	
(E) In-house	\$4,720																																	

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																				
3. Installation(SA)& Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title Submarine Pier 3 (INC)																					
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P095	8. Project Cost (\$000) 88,923																					
6. Construction complete: 01/2027 B. Equipment associated with this project which will be provided from other appropriations: <table border="0"> <thead> <tr> <th><u>Equipment</u></th> <th><u>Procuring</u></th> <th><u>FY Approp</u></th> <th></th> <th></th> </tr> <tr> <th><u>Nomenclature</u></th> <th><u>Approp</u></th> <th><u>or Requested</u></th> <th><u>Cost (\$000)</u></th> <th></th> </tr> </thead> <tbody> <tr> <td>Docking Lines, Cables, Service Connection Devices</td> <td>OMN</td> <td>Future Request</td> <td>300</td> <td></td> </tr> <tr> <td>Fenders</td> <td>OMN</td> <td>Future Request</td> <td>1,050</td> <td></td> </tr> </tbody> </table>					<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>			<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>		Docking Lines, Cables, Service Connection Devices	OMN	Future Request	300		Fenders	OMN	Future Request	1,050	
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>																						
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>																					
Docking Lines, Cables, Service Connection Devices	OMN	Future Request	300																					
Fenders	OMN	Future Request	1,050																					
CERTIFYING OFFICIAL STATEMENT: The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements. Authorization and Appropriation Summary <table border="0"> <thead> <tr> <th></th> <th>Authorization (\$000)</th> <th>Auth of Approp (\$000)</th> <th>Approp (\$000)</th> </tr> </thead> <tbody> <tr> <td>FY 2022 Request</td> <td>269,693</td> <td>88,923</td> <td>88,923</td> </tr> <tr> <td>Future Request</td> <td>0</td> <td>180,770</td> <td>180,770</td> </tr> <tr> <td>Total</td> <td>269,693</td> <td>269,693</td> <td>269,693</td> </tr> </tbody> </table>						Authorization (\$000)	Auth of Approp (\$000)	Approp (\$000)	FY 2022 Request	269,693	88,923	88,923	Future Request	0	180,770	180,770	Total	269,693	269,693	269,693				
	Authorization (\$000)	Auth of Approp (\$000)	Approp (\$000)																					
FY 2022 Request	269,693	88,923	88,923																					
Future Request	0	180,770	180,770																					
Total	269,693	269,693	269,693																					
Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 Manager																								

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title Submarine Pier 3 (INC)	
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P095	8. Project Cost (\$000) 88,923	
Blank Page				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM							2. Date MAY 2021		
3. Installation and Location: N32443 NAVAL SUPPORT STATION NRRK NSY PORTSMOUTH, VIRGINIA					4. Command Commander Navy Installations Command			5. Area Const Cost Index 1		
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	117	455	12161	0	0	0	0	0	0	12733
	131	504	12161	0	0	0	0	0	0	12796
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(874 Acres)										
B. INVENTORY AS OF 30 SEP 2020 6,441,227										
C. AUTHORIZATION NOT YET IN INVENTORY 169,932										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM 156,380										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>						<u>Design Status</u>		<u>Cost</u>		
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>			
84310	Dry Dock Saltwater System for CVN-78	09/2019		08/2021		0 LS	156,380			
TOTAL							156,380			
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										
10. Mission or Major Functions:										
Provide logistic support for assigned ships and service craft. Perform authorized work in connection with construction, conversion, overhaul, repair, alteration, dry docking, and outfitting of ships and craft, as assigned. Perform manufacturing, research, development and test work, as assigned. Perform services and material to other activities and units, as directed by competent authority.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM	2. Date MAY 2021
3. Installation and Location: N32443 NAVAL SUPPORT STATION NRFK NSY PORTSMOUTH, VIRGINIA	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1

Blank Page

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N32443 NAVAL SUPPORT STATION NRFK NSY PORTSMOUTH, VIRGINIA			4. Project Title Dry Dock Saltwater System for CVN-78	
5. Program Element 0712776N	6. Category Code 21310	7. Project Number P678	8. Project Cost (\$000) 156,380	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
DRY DOCK SALTWATER SYSTEM FOR CVN-78	LS			70,130
PUMP STATION 1 CC84320 (20,100GM)	LM	76,087	157.8	(12,010)
PUMP STATION 2 CC84320 (20,100GM)	LM	76,087	162.84	(12,390)
PUMP STATION ENCLOSURE 2 CC84350 (4,725SF)	m2	439	4,390.59	(1,930)
PUMP STATION ENCLOSURE 1 CC84350 (4,725SF)	m2	439	4,390.59	(1,930)
WF-DRYDOCK-8-MS CC21310 (230,257SF) (RENOVATE)	m2	21,391.6	61.38	(1,310)
CYBERSECURITY FEATURES	LS			(250)
BUILT-IN EQUIPMENT	LS			(15,610)
SPECIAL COSTS	LS			(24,360)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(340)
SUPPORTING FACILITIES				70,770
SPECIAL CONSTRUCTION FEATURES	LS			(12,750)
SITE PREPARATIONS	LS			(2,980)
SPECIAL FOUNDATION FEATURES	LS			(3,000)
PAVING AND SITE IMPROVEMENTS	LS			(1,860)
ELECTRICAL UTILITIES	LS			(18,390)
MECHANICAL UTILITIES	LS			(31,250)
DEMOLITION	LS			(540)
SUBTOTAL				140,900
CONTINGENCY (5%)				7,050
TOTAL CONTRACT COST				147,950
SIOH (5.7%)				8,430
SUBTOTAL				156,380
TOTAL REQUEST ROUNDED				156,380
TOTAL REQUEST				156,380
10. Description of Proposed Construction:				
Constructs saltwater conveyance and drainage infrastructure for Dry Dock 8				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N32443 NAVAL SUPPORT STATION NRFK NSY PORTSMOUTH, VIRGINIA			4. Project Title Dry Dock Saltwater System for CVN-78	
5. Program Element 0712776N	6. Category Code 21310	7. Project Number P678	8. Project Cost (\$000) 156,380	
<p>(DD8) for a new dry docking mission in support of the Ford Class aircraft carrier (CVN-78) requirements. New construction includes two pile-supported, reinforced concrete pump stations. Each pump station will house required pumps and equipment needed to create a fully redundant saltwater supply system that supports shipboard systems cooling, fire protection, and propulsion plant cooling requirements. Each pump station will be designed as watertight up to the design flood elevation.</p> <p>Project replaces existing undersized saltwater supply piping around DD8 with correctly sized piping needed to handle the increased saltwater volume requirements including all required dry dock hotel connections to support the CVN-78.</p> <p>Improvements to DD8's saltwater drainage system include structural modifications for the existing pumpwell, installing larger capacity drainage pumps, and additional saltwater drain/return main piping needed to handle the increased water volume requirements.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria.</p> <p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.</p> <p>Built-in equipment includes a control console, direct digital controls, roof openings, operable sluice gates, motor control centers, and emergency generators.</p> <p>Special costs include Post Construction Contract Award Services (PCAS) and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining authority to operate. Special Costs also include third party commissioning, mechanical acceptance, shipyard factor, and construction phasing. The shipyard factor accounts for supplementary costs associated with construction inside the shipyard's controlled industrial area. Construction phasing includes additional mobilization costs related to the phased construction schedule.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N32443 NAVAL SUPPORT STATION NRFK NSY PORTSMOUTH, VIRGINIA			4. Project Title Dry Dock Saltwater System for CVN-78	
5. Program Element 0712776N	6. Category Code 21310	7. Project Number P678	8. Project Cost (\$000) 156,380	
<p>project.</p> <p>DoD and DON principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low impact development will be included in the design and construction of this project as appropriate.</p> <p>Special construction features include modifications to the existing DD8 pumpwell.</p> <p>Site preparations include contaminated soil and groundwater mitigation, aboveground site demolition, and underground site demolition.</p> <p>Special foundation features include pile foundations.</p> <p>Paving and site improvements include asphalt paving, concrete paving, and crane rail replacement.</p> <p>Electrical utilities include electrical distribution, substation transformers, electrical manholes, medium voltage switches, communication distribution, and communication manholes.</p> <p>Mechanical utilities include pumpwell drainage, saltwater distribution, utility relocations, fuel distribution, and potable water distribution.</p> <p>This project demolishes the existing saltwater pump stations, Building 828 (89.1 m2) and Building 829 (67.2 m2) and fire protection pumping stations, 828SWPS (33,311.63 LM)and 829SWPS (18,169.98 LM), to provide space for the new construction.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria (UFC). Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p> <p>This project is sited within the 100-year floodplain. Design elements intended to protect equipment from flooding are captured in the user generated unit costs. These elements do not exceed design requirements specified in applicable criteria documents.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N32443 NAVAL SUPPORT STATION NREFK NSY PORTSMOUTH, VIRGINIA			4. Project Title Dry Dock Saltwater System for CVN-78	
5. Program Element 0712776N	6. Category Code 21310	7. Project Number P678	8. Project Cost (\$000) 156,380	
<p>11. Requirement: Adequate: Substandard:</p> <p>PROJECT:</p> <p>Replaces DD8's existing, undersized saltwater distribution hotel infrastructure needed to support the new hotel support requirements associated with the CVN-78 aircraft carriers.</p> <p>(New Mission)</p> <p>REQUIREMENT:</p> <p>DD8 is currently unable to fulfill the saltwater cooling and fire protection requirements for CVN-78 carriers. This project would address these issues by providing new saltwater pump stations, dry dock drainage pumps, and all supporting infrastructure.</p> <p>CURRENT SITUATION:</p> <p>Originally built in 1942, DD8 is the primary support dock for aircraft carriers based on the east coast. At present, the dock is unable to service CVN-78 carriers.</p> <p>There are three additional Ford class carriers that are either under construction or planned: USS Kennedy (CVN-79), USS Enterprise (CVN-80) and unnamed (CVN-81).</p> <p>These vessels have significantly increased saltwater cooling requirements in comparison to the older Nimitz class carriers. Currently, there is no dry dock owned by the government or the private sector that can accommodate the CVN-78 saltwater cooling requirements.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without improvements to existing infrastructure, DD8 will be unable to support the CVN-78 dry docking hotel salt water service requirements. If this project is not constructed in a timely manner these high cost/high value vessels will have no dry dock that can accommodate them for regular availabilities or emergency repairs.</p>				
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <p>(A) Date design or Parametric Cost Estimate started 09/2019</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N32443 NAVAL SUPPORT STATION NRFK NSY PORTSMOUTH, VIRGINIA			4. Project Title Dry Dock Saltwater System for CVN-78	
5. Program Element 0712776N	6. Category Code 21310	7. Project Number P678	8. Project Cost (\$000) 156,380	
(B) Date 35% Design or Parametric Cost Estimate complete 04/2020 (C) Date design completed 08/2021 (D) Percent completed as of September 2020 20% (E) Percent completed as of January 2021 55% (F) Type of design contract Design Bid Build (G) Parametric Estimate used to develop cost Yes (H) Energy Study/Life Cycle Analysis performed No 2. Basis: (A) Standard or Definitive Design No (B) Where design was previously used N/A 3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E): (A) Production of plans and specifications \$7,523 (B) All other design costs \$3,761 (C) Total \$11,284 (D) Contract \$9,090 (E) In-house \$2,194 4. Contract award: 01/2022 5. Construction start: 02/2022 6. Construction complete: 09/2026 B. Equipment associated with this project which will be provided from other appropriations: NONE CERTIFYING OFFICIAL STATEMENT: The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements. Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 Manager				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N32443 NAVAL SUPPORT STATION NRFK NSY PORTSMOUTH, VIRGINIA			4. Project Title Dry Dock Saltwater System for CVN-78	
5. Program Element 0712776N	6. Category Code 21310	7. Project Number P678	8. Project Cost (\$000) 156,380	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM									2. Date MAY 2021
3. Installation and Location: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA						4. Command Commandant of the Marine Corps			5. Area Const Cost Index 1.08	
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	1999	5017	6515	3494	8709	307	0	0	24067	50108
	1988	4990	6503	3470	8256	303	0	0	24067	49577
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(60319 Acres)										
B. INVENTORY AS OF 30 SEP 2020										6,640,206
C. AUTHORIZATION NOT YET IN INVENTORY										45,256
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										42,850
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>						<u>Design Status</u>		<u>Cost</u>		
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>			
61010	Vehicle Inspection and Visitor Control Center	09/2019	12/2021			395 m2	42,850			
17135	Warganing Center (INC)	05/2018	02/2020			0 LS	30,500			
						TOTAL	73,350			
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										0
10. Mission or Major Functions:										
Marine Corps Base (MCB) Quantico maintains and operates facilities and provides services and material to support the Marine Corps Combat Development Command, the Marine Corps Air Facility Quantico, and other activities and units designated by the Commandant of the Marine Corps. The mission of the Marine Corps Combat Development Command is to develop Marine Corps warfighting concepts and to determine associated required capabilities in the areas of doctrine, organization, training and education, equipment, and support facilities to enable the Marine Corps to field combat-ready forces. MCB Quantico also serves as the focal point for professional military education.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM		2. Date MAY 2021
3. Installation and Location: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.08	

Blank Page

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Vehicle Inspection and Visitor Control Center	
5. Program Element 0202176M	6. Category Code 61010	7. Project Number P656	8. Project Cost (\$000) 42,850	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
VEHICLE INSPECTION AND VISITOR CONTROL CENTER (4,250SF)	m2	394.8		8,230
GATE/SENTRY HOUSE (CVI GATE) CC73025 (924SF)	m2	85.85	19,472.07	(1,670)
VISITOR CONTROL CENTER CC61010 (3,326SF)	m2	308.95	13,571.44	(4,190)
CYBERSECURITY FEATURES	LS			(250)
INFORMATION SYSTEMS	LS			(300)
BUILT-IN EQUIPMENT	LS			(750)
SPECIAL COSTS	LS			(1,000)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(70)
SUPPORTING FACILITIES				30,380
PAVEMENT FACILITIES	LS			(360)
SITE PREPARATIONS	LS			(1,690)
PAVING AND SITE IMPROVEMENTS	LS			(6,510)
ANTI-TERRORISM/FORCE PROTECTION	LS			(2,070)
ELECTRICAL UTILITIES	LS			(15,430)
MECHANICAL UTILITIES	LS			(4,310)
ENVIRONMENTAL MITIGATION	LS			(10)
SUBTOTAL				38,610
CONTINGENCY (5%)				1,930
TOTAL CONTRACT COST				40,540
SIOH (5.7%)				2,310
SUBTOTAL				42,850
TOTAL REQUEST ROUNDED				42,850
TOTAL REQUEST				42,850
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(707)
10. Description of Proposed Construction:				
Constructs a single-story gate/sentry house (Commercial Vehicle Inspection gate) with reinforced concrete masonry walls with brick veneer, structural steel framing, concrete slab-on-grade floor on reinforced concrete spread				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Vehicle Inspection and Visitor Control Center	
5. Program Element 0202176M	6. Category Code 61010	7. Project Number P656	8. Project Cost (\$000) 42,850	
<p>footings, and standing seam metal roof.</p> <p>Constructs a single-story visitor control center with reinforced concrete masonry walls with brick veneer, structural steel framing, concrete slab-on-grade floor on reinforced concrete spread footings, and standing seam metal roof.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria.</p> <p>Information systems include National Crime Information Center and Non-Classified Internet Protocol Router Network infrastructure.</p> <p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per Unified Facility Criteria (UFC) 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.</p> <p>Built-in equipment includes built-in cabinets, raised access flooring, pallet racks, fire pump, and a backup generator sized to accommodate full building load.</p> <p>Special costs include Post Construction Contract Award Services (PCAS) and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate. Special Costs also include recordation and permits, geospatial mapping, and third party commissioning.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>DoD and Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of this project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Site Preparations include cut and fill, clear and grub including tree removal, grading, temporary silt fencing during construction, and erosion control measures.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Vehicle Inspection and Visitor Control Center	
5. Program Element 0202176M	6. Category Code 61010	7. Project Number P656	8. Project Cost (\$000) 42,850	
<p>Paving and site improvements include a parking area for approximately 100 vehicles, a three-way traffic signal, roadway, Russell Road right turn lane and taper, sidewalks, curbs and gutters, landscaping, fencing, dumpster, retention basins for stormwater management, and direct current fast-charging stations.</p> <p>The project includes a truck inspection area, overhead canopy, vehicle gates at ingress/egress locations, and guardrails.</p> <p>Electrical utilities include a transformer, communications distribution, underground electrical distribution, and site lighting.</p> <p>Mechanical utilities include domestic water distribution, sanitary sewer distribution, stormwater distribution, lift station, canopy heating at the CVI gate, and natural gas distribution.</p> <p>Environmental mitigation includes wetlands delineation to include minimal delineation needed to prevent incursion of utility work.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p>				
<p>11. Requirement: <u>395 m2</u> Adequate: Substandard:</p> <p>PROJECT:</p> <p>Constructs a visitor control center and gate/sentry house to provide pass and identification services for visitors and government employees.</p> <p>(Current Mission)</p> <p>REQUIREMENT:</p> <p>Per DoD and Marine Corps Antiterrorism (AT) policies and directives, the minimum standard for installation access control requires that all unescorted persons entering the installation have their identity proofed and vetted, and be issued, or in possession of, an authorized and valid access credential. To comply with this requirement, a facility is required, outside of the installation access control points to conduct personnel and vehicle screening and inspections and provide pass and identification services.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Vehicle Inspection and Visitor Control Center	
5. Program Element 0202176M	6. Category Code 61010	7. Project Number P656	8. Project Cost (\$000) 42,850	
<p>CURRENT SITUATION:</p> <p>MCB Quantico has experienced a significant growth in military, civilians, contractors and visitors that have caused increased security and screening concerns. Entry Control Facilities are currently utilized to perform screening of personnel and vehicles which creates significant challenges to ensure only authorized personnel obtain access to the installation without causing significant traffic issues.</p> <p>Because there is no facility to proof and vet contractors, delivery personnel or visitors, including Quantico town residents, large numbers of un-screened personnel have daily access to the base. Entry Control Facilities and road networks are not capable of allowing checks to be conducted at the gates without creating significant traffic flow disruptions and safety concerns to include; a civilian town located on the base in which residents and visitors have a legal right to enter through the base; a civilian train station; and numerous special events that attract large numbers of visitors (ex. Modern Day Marine Expo, OCS/TBS graduations).</p> <p>Additionally, because there is no permanent facility for screening commercial vehicles, large numbers of trucks are allowed to enter the installation without any inspection of the vehicle or proofing and vetting of the driver. This lack of ability to comply with access control procedures puts the base population at considerable risk and also risks numerous critical assets located aboard MCB Quantico.</p> <p>This project is not sited in a 100-year floodplain.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria Regarding Adverse long-term environmental effects.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Failure to fund this project will cause continued risk to the base population, to the critical assets located on the base, and to the mission essential functions that are conducted at MCB Quantico. Without an adequate Visitor Control Center, MCB Quantico will be required to continue to take significant risks by allowing unescorted access of unscreened visitors to the installation in violation of DoD and USMC policies.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Vehicle Inspection and Visitor Control Center	
5. Program Element 0202176M	6. Category Code 61010	7. Project Number P656	8. Project Cost (\$000) 42,850	

12. Supplemental Data:

A. Estimated Design Data:

1. Status:

(A) Date design or Parametric Cost Estimate started	09/2019
(B) Date 35% Design or Parametric Cost Estimate complete	03/2020
(C) Date design completed	12/2021
(D) Percent completed as of September 2020	15%
(E) Percent completed as of January 2021	35%
(F) Type of design contract	Design Bid Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy Study/Life Cycle Analysis performed	Yes

2. Basis:

(A) Standard or Definitive Design	No
(B) Where design was previously used	

3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):

(A) Production of plans and specifications	\$2,371
(B) All other design costs	\$1,186
(C) Total	\$3,557
(D) Contract	\$494
(E) In-house	\$3,063

4. Contract award: 09/2022

5. Construction start: 12/2022

6. Construction complete: 12/2024

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>	<u>Cost (\$000)</u>
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	
AV Equipment	O&MMC	Future Request	23
FF&E	O&MMC	Future Request	264
Information Systems	O&MMC	Future Request	61
MCESS Equipment (CCTV, IDS, AACS, MNS)	O&MMC	Future Request	284
Smart Grid Equipment	O&MMC	Future Request	67
Uninterrupted Power Supply (UPS)	O&MMC	Future Request	8

CERTIFYING OFFICIAL STATEMENT:

Assistant Deputy Commandant Installations and Logistics (Facilities)
certifies that this project has been considered for joint use potential.
Joint use is recommended.

Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401
Manager

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Vehicle Inspection and Visitor Control Center	
5. Program Element 0202176M	6. Category Code 61010	7. Project Number P656	8. Project Cost (\$000) 42,850	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Wargaming Center (INC)	
5. Program Element 0216496M	6. Category Code 17110	7. Project Number P719A	8. Project Cost (\$000) 30,500	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
WARGAMING CENTER (INC)	LS			110,780
ACADEMIC INSTRUCTION FACILITY CC17110 (100,443SF)	m2	9,331.43	5,870.34	(54,780)
PARKING FACILITY CC85310 (132,116SF)	m2	12,273.95	1,136.26	(13,950)
AREA DISTRIBUTION NODE CC13140 (1,650SF)	m2	153.29	7,124.66	(1,090)
JWICS INFRASTRUCTURE (PREMIUM)	EA	1	2,016,580.97	(2,520)
SCIF CONSTRUCTION (PREMIUM)	EA	1	1,551,577.66	(1,550)
SIPRNET INFRASTRUCTURE (PREMIUM)	EA	1	2,016,580.97	(2,020)
INFORMATION SYSTEMS	LS			(4,120)
ANTI-TERRORISM/FORCE PROTECTION	LS			(2,390)
BUILT-IN EQUIPMENT	LS			(14,960)
SPECIAL COSTS	LS			(8,850)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(1,070)
SUSTAINABILITY AND ENERGY FEATURES	LS			(3,480)
SUPPORTING FACILITIES				18,380
SPECIAL CONSTRUCTION FEATURES	LS			(1,010)
PAVEMENT FACILITIES	LS			(50)
SITE PREPARATIONS	LS			(990)
SPECIAL FOUNDATION FEATURES	LS			(2,990)
PAVING AND SITE IMPROVEMENTS	LS			(2,910)
ELECTRICAL UTILITIES	LS			(3,630)
MECHANICAL UTILITIES	LS			(640)
ENVIRONMENTAL MITIGATION	LS			(3,660)
DEMOLITION	LS			(2,500)
SUBTOTAL				129,160
CONTINGENCY (5%)				6,460
TOTAL CONTRACT COST				135,620
SIOH (5.7%)				7,730
SUBTOTAL				143,350

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Wargaming Center (INC)	
5. Program Element 0216496M	6. Category Code 17110	7. Project Number P719A	8. Project Cost (\$000) 30,500	
TOTAL REQUEST ROUNDED				143,350
TOTAL REQUEST				143,350
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(61,400)
10. Description of Proposed Construction: <p>Constructs a low-rise reinforced concrete masonry unit building with structural steel framing, reinforced masonry walls, auger cast pile foundations and floors and standing seam metal roofs. Facility will be reinforced concrete slab-on-grade with elevated reinforced concrete slabs. The wargaming center will include an auditorium, gaming classrooms, classroom, cell rooms, breakout rooms, game cell, white cell rooms, conference room, production room and graphics production room. The facility includes a Secure Compartmented Information Facility (SCIF), Secret Internet Protocol Router Network (SIPRNET) and Joint Worldwide Intelligence Communications System (JWICS) infrastructure.</p> <p>Constructs a multi-story parking facility to support the academic instruction facility. The facility is a pre-cast concrete structure with auger cast pile foundations and floors.</p> <p>Constructs a new single-story Area Distribution Node (ADN) to support the academic instruction facility. The ADN will be part of the installation communications distribution system providing capabilities for voice, video and data. The facility is a precast concrete structure with auger cast pile foundations.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense criteria.</p> <p>Information systems include Non-Classified Internet Protocol Router Network (NIPRNET) infrastructure, commercial internet service provider infrastructure and a mass notification tower.</p> <p>This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with AT/FP regulations, and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings.</p> <p>Built-in equipment includes cable trays, very early smoke detection apparatus and clean agent systems, domestic booster pump, emergency generator, fire booster pump, mass notification equipment, pallet racks,</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Wargaming Center (INC)	
5. Program Element 0216496M	6. Category Code 17110	7. Project Number P719A	8. Project Cost (\$000) 30,500	
<p>raised access flooring, site preparation for gigabit passive optical network and an uninterrupted power supply for the ADN.</p> <p>Special Costs include Post Construction Contract Award Services (PCAS) and cybersecurity commissioning. The cybersecurity commissioning costs is to cover the contractor's submittals, administrative actions and compliance with Navy's cybersecurity requirements as well as Navy in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate. Also includes geospatial surveys and mapping, recordation and permits, cybersecurity commissioning and land acquisition.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>Department of Defense and Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of this project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Special Construction Features included Georgian architecture.</p> <p>Site Preparation includes tree removal, cut and fill, silt fencing, stabilized construction entrance, removal of overhead wire poles, removal of storm drains and below-grade structures, sanitary demolition, domestic water demolition and natural gas demolition.</p> <p>Special Foundation Features include deep pile foundation systems for the Academic Instruction Facility, Parking Facility, and Area Distribution Node.</p> <p>Paving and Site Improvements include grading, reinforced turf pavement, sidewalks, curbs, gutters, asphalt and concrete pavement, landscaping, bioretention facilities, bioswales, security fencing around the ADN, pedestrian and bicycle features and stormwater management features.</p> <p>Electrical Utilities include switchgear, communications distribution, underground electrical distribution, the replacement of the Cinder City substation and site lighting.</p> <p>Environmental Mitigation includes hazardous material abatement.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Wargaming Center (INC)	
5. Program Element 0216496M	6. Category Code 17110	7. Project Number P719A	8. Project Cost (\$000) 30,500	
<p>Buildings #3094 (984 m2), #3034/3034A-B (1625 m2), #709 (1683 m2), #710 (1683 m2), #3169 (753 m2) and #3193 (204 m2) will be demolished to clear the site for this project.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p>				
<p>11. Requirement: <u>9,698 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Constructs a new academic facility for the Marine Corps Wargaming Division and a parking facility.</p> <p>(Current Mission)</p> <p>REQUIREMENT:</p> <p>The Marine Corps requires a dedicated wargaming facility, configured with adequate instructional spaces for the conduct of wargame planning and execution, to support the Combat Development Command, Operating Forces, Reserves, Supporting Establishment, and Marine Corps Headquarters. The facility must support simulation and modeling of future environments, as well as provide the connectivity necessary to serve as the central node in a network configuration. Further, it must be approved for the receipt, storage, transmission, and electronic sharing of highly classified information, including top secret/sensitive compartmented information, SAP and STO material.</p> <p>CURRENT SITUATION:</p> <p>The current operational environment demands more access to wargaming concepts and plans. The Wargaming Division, as the Marine Corps entity for planning and executing the Wargaming Program, lacks a dedicated venue to hold events, conferences, and wargames. This requires the Wargaming Division to seek costly off-site facilities which cannot accommodate classified meetings or arrange for the use of facilities which require manpower-intensive setups, break downs, and temporary additional duty costs to execute classified events.</p> <p>This project is not in the 100-year floodplain.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																																																
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Wargaming Center (INC)																																																	
5. Program Element 0216496M	6. Category Code 17110	7. Project Number P719A	8. Project Cost (\$000) 30,500																																																	
IMPACT IF NOT PROVIDED: If this project is not executed, these wargames and simulation modeling will continue to be conducted in off-site facilities not suitable for the full range of wargames that need to be conducted.																																																				
12. Supplemental Data: A. Estimated Design Data: 1. Status: (A) Date design or Parametric Cost Estimate started 05/2018 (B) Date 35% Design or Parametric Cost Estimate complete 01/2019 (C) Date design completed 02/2020 (D) Percent completed as of September 2018 5% (E) Percent completed as of January 2021 100% (F) Type of design contract Design Bid Build (G) Parametric Estimate used to develop cost Yes (H) Energy Study/Life Cycle Analysis performed Yes 2. Basis: (A) Standard or Definitive Design No (B) Where design was previously used 3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E): (A) Production of plans and specifications \$9,578 (B) All other design costs \$3,725 (C) Total \$13,303 (D) Contract \$10,859 (E) In-house \$2,444 4. Contract award: 05/2020 5. Construction start: 12/2020 6. Construction complete: 06/2023 B. Equipment associated with this project which will be provided from other appropriations: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: left;"><u>Procuring</u></th> <th style="text-align: left;"><u>FY Approp</u></th> <th></th> </tr> <tr> <th style="text-align: left;"><u>Nomenclature</u></th> <th style="text-align: left;"><u>Approp</u></th> <th style="text-align: left;"><u>or Requested</u></th> <th style="text-align: left;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr><td>AV Equipment</td><td>PMC</td><td>Future Request</td><td>26,137</td></tr> <tr><td>AV Installation</td><td>PMC</td><td>Future Request</td><td>9,504</td></tr> <tr><td>ESS/CCTV Equipment & Installation</td><td>OPN</td><td>Future Request</td><td>995</td></tr> <tr><td>Encryption Equipment</td><td>O&MMC</td><td>Future Request</td><td>753</td></tr> <tr><td>FFE (ADN)</td><td>OPN</td><td>Future Request</td><td>789</td></tr> <tr><td>FFE (AIF)</td><td>PMC</td><td>Future Request</td><td>4,196</td></tr> <tr><td>GFGI Equipment</td><td>PMC</td><td>Future Request</td><td>295</td></tr> <tr><td>IT Equipment</td><td>PMC</td><td>Future Request</td><td>12,988</td></tr> <tr><td>IT Installation</td><td>PMC</td><td>Future Request</td><td>4,997</td></tr> <tr><td>UPS (400 kVA, n+1 Modules)</td><td>PMC</td><td>Future Request</td><td>745</td></tr> </tbody> </table>					<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	AV Equipment	PMC	Future Request	26,137	AV Installation	PMC	Future Request	9,504	ESS/CCTV Equipment & Installation	OPN	Future Request	995	Encryption Equipment	O&MMC	Future Request	753	FFE (ADN)	OPN	Future Request	789	FFE (AIF)	PMC	Future Request	4,196	GFGI Equipment	PMC	Future Request	295	IT Equipment	PMC	Future Request	12,988	IT Installation	PMC	Future Request	4,997	UPS (400 kVA, n+1 Modules)	PMC	Future Request	745
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>																																																		
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>																																																	
AV Equipment	PMC	Future Request	26,137																																																	
AV Installation	PMC	Future Request	9,504																																																	
ESS/CCTV Equipment & Installation	OPN	Future Request	995																																																	
Encryption Equipment	O&MMC	Future Request	753																																																	
FFE (ADN)	OPN	Future Request	789																																																	
FFE (AIF)	PMC	Future Request	4,196																																																	
GFGI Equipment	PMC	Future Request	295																																																	
IT Equipment	PMC	Future Request	12,988																																																	
IT Installation	PMC	Future Request	4,997																																																	
UPS (400 kVA, n+1 Modules)	PMC	Future Request	745																																																	

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																				
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Wargaming Center (INC)																					
5. Program Element 0216496M	6. Category Code 17110	7. Project Number P719A	8. Project Cost (\$000) 30,500																					
<p>CERTIFYING OFFICIAL STATEMENT:</p> <p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Joint Use is recommended.</p> <p>Authorization and Appropriation Summary</p> <table> <thead> <tr> <th></th> <th>Authorization (\$000)</th> <th>Auth of Approp (\$000)</th> <th>Approp (\$000)</th> </tr> </thead> <tbody> <tr> <td>FY 2020 Enacted</td> <td>143,350</td> <td>70,000</td> <td>70,000</td> </tr> <tr> <td>FY 2021 Enacted</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>FY 2022 Request</td> <td>0</td> <td>30,500</td> <td>30,500</td> </tr> <tr> <td>Total</td> <td>143,350</td> <td>100,500</td> <td>100,500</td> </tr> </tbody> </table> <p>Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 Manager</p>						Authorization (\$000)	Auth of Approp (\$000)	Approp (\$000)	FY 2020 Enacted	143,350	70,000	70,000	FY 2021 Enacted	0	0	0	FY 2022 Request	0	30,500	30,500	Total	143,350	100,500	100,500
	Authorization (\$000)	Auth of Approp (\$000)	Approp (\$000)																					
FY 2020 Enacted	143,350	70,000	70,000																					
FY 2021 Enacted	0	0	0																					
FY 2022 Request	0	30,500	30,500																					
Total	143,350	100,500	100,500																					

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM							2. Date MAY 2021		
3. Installation and Location: N66691 NAVSUPPACT SOUDA BAY GR SOUDA BAY, GREECE					4. Command Commander Navy Installations Command			5. Area Const Cost Index 1.26		
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	22	299	210	0	0	0	18	70	0	619
	20	304	210	0	0	0	18	70	0	622
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(101 Acres)										
B. INVENTORY AS OF 30 SEP 2020										943,180
C. AUTHORIZATION NOT YET IN INVENTORY										22,045
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
14140	EDI: Joint Mobility Processing Facility	10/2016	02/2019	8970 m2	41,650					
				TOTAL	41,650					
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										0
10. Mission or Major Functions:										
To extend Joint and Fleet warfighting capability through operational support to U.S., allied and coalition forces deployed within the European Command, Central Command and Africa Command area of responsibility by providing, operating and sustaining superior facilities and services dedicated to combat readiness and security of ships, aircraft, detachments and personnel.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM	2. Date MAY 2021
3. Installation and Location: N66691 NAVSUPPACT SOUDA BAY GR SOUDA BAY, GREECE	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1.26

Blank Page

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N66691 NAVSUPPACT SOUDA BAY GR SOUDA BAY, GREECE			4. Project Title EDI: Joint Mobility Processing Center	
5. Program Element 0212176N	6. Category Code 14140	7. Project Number P903	8. Project Cost (\$000) 41,650	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
EDI: JOINT MOBILITY PROCESSING CENTER (96,555SF)	m2	8,970.26		29,090
JOINT MOBILITY PROCESSING CENTER CC14140 (96,555SF)	m2	8,970.26	2,556.56	(22,930)
CYBERSECURITY FEATURES	LS			(230)
INFORMATION SYSTEMS	LS			(790)
ANTI-TERRORISM/FORCE PROTECTION	LS			(340)
BUILT-IN EQUIPMENT	LS			(970)
SPECIAL COSTS	LS			(3,310)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(520)
SUPPORTING FACILITIES				8,260
SITE PREPARATIONS	LS			(1,860)
PAVING AND SITE IMPROVEMENTS	LS			(2,690)
ELECTRICAL UTILITIES	LS			(620)
MECHANICAL UTILITIES	LS			(250)
DEMOLITION	LS			(2,840)
SUBTOTAL				37,350
CONTINGENCY (5%)				1,870
TOTAL CONTRACT COST				39,220
SIOH (6.2%)				2,430
SUBTOTAL				41,650
TOTAL REQUEST ROUNDED				41,650
TOTAL REQUEST				41,650
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(6,733)
10. Description of Proposed Construction:				
Constructs a two-story, steel-frame structure with concrete shear walls, concrete and insulated metal panel exterior walls, modified bituminous membrane roof, and shallow concrete foundation. The facility will include an air passenger terminal, air cargo terminal, supply operations and air operations spaces.				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N66691 NAVSUPPACT SOUDA BAY GR SOUDA BAY, GREECE			4. Project Title EDI: Joint Mobility Processing Center	
5. Program Element 0212176N	6. Category Code 14140	7. Project Number P903	8. Project Cost (\$000) 41,650	
<p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense criteria.</p> <p>Information systems include basic telephone, computer network, fiber optic, security and fire alarm systems and infrastructure.</p> <p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per Unified Facility Criteria (UFC) 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.</p> <p>Built-in equipment includes dock levelers, elevator, emergency generator, uninterruptible power supply, marker boards, pallet racks, refrigerator and lockers.</p> <p>Special costs include Post Construction Contract Award Services(PCAS). Special costs also include temporary facilities for Air Operations and administrative personnel during construction, hazardous material survey, and third party commissioning.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>Department of Defense and Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development (LID) will be included in the design and construction of this project as appropriate.</p> <p>Site preparations includes site clearing, excavation, grading, and demolition of existing concrete apron and site utilities.</p> <p>Paving and site improvements include asphalt paving, concrete apron, sidewalks and pavers, landscaping, and LID.</p> <p>Demolition includes Building #6 Air Ops Supply (5,616 SF), Building #5 Air Ops (14,862 SF), Building #22 Air Terminal (4,188 SF) and Building #34 Canopy (2,511 SF) to clear the site for this project. Temporary facilities (T-13, T-16 and T-24) will also be demolished as part of this project.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria (UFC). Facilities will</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N66691 NAVSUPPACT SOUDA BAY GR SOUDA BAY, GREECE			4. Project Title EDI: Joint Mobility Processing Center	
5. Program Element 0212176N	6. Category Code 14140	7. Project Number P903	8. Project Cost (\$000) 41,650	
incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.				
11. Requirement: <u>8,970 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u> PROJECT: Constructs a joint mobility processing center with an air passenger terminal, air cargo terminal, supply operations and air operations spaces with 'ready-to-use' detachment contingency spaces. (Current Mission) REQUIREMENT: This project will consolidate the installation's core air operations and air transportation functions by providing facilities which can fully support increases in throughput traffic. NSA Souda Bay is a key US Transportation Command Joint Deployment and Distribution Enterprise node to support missions in Eurasia, the Middle East, and Africa. The air passenger terminal needs to be able to process at least 30,000 passengers per year and support one wide-body passenger aircraft (approximately 300 passengers and baggage/gear) and four wide-body cargo aircraft at a time. In addition to passenger related functions, air operations use the terminal for various command and control functions. CURRENT SITUATION: The existing air passenger terminal was built in 1959, with two major additions to the building in 1995 and 2002. The facility is seismically unsafe. The existing facility cannot support all air operations functions and does not have the required visibility to the flightline for monitoring of activity. The existing warehouse facility used for handling, processing, and storing cargo that is being transported to and from aircraft is undersized. These functions are currently performed outdoors and exposed to weather. This project is not sited in a 100-year flood plain. IMPACT IF NOT PROVIDED: The existing dysfunctional and undersized facilities will continue to create operational constraints and inefficient air passenger operations. Passengers and personnel will continue to be exposed to higher risk of injury because of seismic deficiencies. Air cargo capabilities will continue to be extremely limited, with no surge capabilities for exercises, emergencies or contingencies. Air cargo requirements will continue to				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N66691 NAVSUPPACT SOUDA BAY GR SOUDA BAY, GREECE			4. Project Title EDI: Joint Mobility Processing Center	
5. Program Element 0212176N	6. Category Code 14140	7. Project Number P903	8. Project Cost (\$000) 41,650	
<p>exceed the available space while greatly jeopardizing turn-around time-lines and efficiencies as automated cargo handling systems cannot be installed within the undersized facility. Cargo will be stored outdoors on the flightline. Supplies to support transient aircraft will continue to be stored in a non-secure rubber building. Resupply of aircraft will take additional time due to the poorly designed support infrastructure.</p>				
12. Supplemental Data:				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				10/2016
(B) Date 35% Design or Parametric Cost Estimate complete				04/2018
(C) Date design completed				02/2019
(D) Percent completed as of September 2020				100%
(E) Percent completed as of January 2021				100%
(F) Type of design contract				Design Bid Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$2,499
(B) All other design costs				\$1,250
(C) Total				\$3,749
(D) Contract				\$3,020
(E) In-house				\$729
4. Contract award:				04/2022
5. Construction start:				05/2022
6. Construction complete:				04/2024
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Air Force Material Command	OPN	Future Request	2,679	
Communications equipment (C4I)	OPN	Future Request	1,500	
Furniture, Fixtures and Equipment	OPN	Future Request	1,991	
Security Equipment (IDS/ESS)	OPN	Future Request	563	
CERTIFYING OFFICIAL STATEMENT:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however,				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N66691 NAVSUPPACT SOUDA BAY GR SOUDA BAY, GREECE			4. Project Title EDI: Joint Mobility Processing Center	
5. Program Element 0212176N	6. Category Code 14140	7. Project Number P903	8. Project Cost (\$000) 41,650	
the scope of the project is based on Department of the Navy requirements.				
Authorization and Appropriation Summary				
	Authorization	Auth of Approp	Approp	
	(\$000)	(\$000)	(\$000)	
FY 2019 Enacted	41,650	41,650	41,650	
Reallocated to 10 USC 2808 projects	--	--	(41,650)	
FY 2022 Request	0	41,650	41,650	
Total	41,650		41,650	
Activity POC: NAVFAC HQ MILCON Program Manager		Phone No: 202-685-9401		

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N66691 NAVSUPPACT SOUDA BAY GR SOUDA BAY, GREECE			4. Project Title EDI: Joint Mobility Processing Center	
5. Program Element 0212176N	6. Category Code 14140	7. Project Number P903	8. Project Cost (\$000) 41,650	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM							2. Date MAY 2021		
3. Installation and Location: N61755 NAVBASE GUAM JOINT REGION MARIANAS, GUAM					4. Command Commander Navy Installations Command			5. Area Const Cost Index 2.71		
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	546	3515	3233	0	0	0	50	191	0	7535
	597	4032	3233	0	0	0	50	191	0	8103
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(17258 Acres)										
B. INVENTORY AS OF 30 SEP 2020 28,989,211										
C. AUTHORIZATION NOT YET IN INVENTORY 170,359										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM 507,527										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
21710	4th Marines Regiment Facilities	10/2019	12/2020	5582 m2	109,507					
21455	Combat Logistics Batallion-4 Facility	09/2019	04/2021	LS	92,710					
14345	Consolidated Armory	09/2019	03/2021	3206 m2	43,470					
61073	Infantry Battalion Company HQ	09/2019	03/2021	3757 m2	44,100					
21710	Marine Expeditionary Brigade Enablers	09/2019	03/2021	5122 m2	66,830					
14311	Principal End Unit (PEI) Warehouse	09/2019	02/2021	4004 m2	47,110					
72141	Bachelor Enlisted Quarters H (INC)	09/2017	02/2021	16680 m2	43,200					
15260	X-Ray Wharf Berth 2	09/2012	12/2019	2470 m2	103,800					
13115	Joint Communication Upgrade (INC)	09/2018	09/2020	8691 m2	84,000					
				TOTAL	634,727					
9. Future Projects:										
A. Included In The Following Program:										

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM		2. Date MAY 2021
3. Installation and Location: N61755 NAVBASE GUAM JOINT REGION MARIANAS, GUAM		4. Command Commander Navy Installations Command	5. Area Const Cost Index 2.71
B. Major Planned Next Three Years:			
C. R&M Unfunded Requirement (\$000):			
10. Mission or Major Functions: To support the forces of the US Pacific Fleet and the Marine Corps; the warfighters based on Naval Base Guam; the warfighters serviced and supplied by Naval Base Guam; the commands which provide support to the warfighters; and the families of those stationed at Naval Base Guam.			
11. Outstanding Pollution and Safety Deficiencies (\$000):			
A. Pollution Abatement(*):			0
B. Occupational Safety and Health(OSH)(#):			0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title 4th Marines Regiment Facilities	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P305	8. Project Cost (\$000) 109,507	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
4TH MARINES REGIMENT FACILITIES (60,084SF)	m2	5,582		51,240
4TH MARINES REGIMENT SHOP FACILITIES CC21710 (60,084SF)	m2	5,582	7,295.62	(40,720)
CYBERSECURITY FEATURES	LS			(500)
SECURE AREA PREMIUM	LS			(30)
BUILT-IN EQUIPMENT	LS			(2,040)
SPECIAL COSTS	LS			(7,020)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(930)
SUPPORTING FACILITIES				46,960
SPECIAL CONSTRUCTION FEATURES	LS			(540)
PAVEMENT FACILITIES	LS			(1,300)
SITE PREPARATIONS	LS			(5,220)
SPECIAL FOUNDATION FEATURES	LS			(2,260)
PAVING AND SITE IMPROVEMENTS	LS			(28,570)
ELECTRICAL UTILITIES	LS			(4,730)
MECHANICAL UTILITIES	LS			(3,650)
ENVIRONMENTAL MITIGATION	LS			(420)
MUNITIONS AND EXPLOSIVES OF CONCERN	LS			(270)
SUBTOTAL				98,200
CONTINGENCY (5%)				4,910
TOTAL CONTRACT COST				103,110
SIOH (6.2%)				6,390
SUBTOTAL				109,500
TOTAL REQUEST ROUNDED				109,500
TOTAL REQUEST				109,507
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(9,415)
10. Description of Proposed Construction:				
Constructs low-rise facilities to support the 4th Marine Regiment, consisting of electronics-communications maintenance shop, auto maintenance shop (with dispatch office), Company level administrative space, two grease				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title 4th Marines Regiment Facilities	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P305	8. Project Cost (\$000) 109,507	
<p>racks for vehicles, organic storage and four vehicle wash facilities for vehicles. Facilities will be constructed with reinforced concrete roofs, wall and shallow foundations. Structural system will be comprised of pre-cast concrete or cast-in-place concrete construction with walls, flooring, foundation, windows, roofing, mechanical, electrical, and information systems appropriate to Guam earthquake and environmental conditions. Building telecommunication system will comply with Marine Corps Enterprise Network.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria. Premium information systems include Intrusion Detection System (IDS) raceway infrastructure, Automatic Access Control System (AACS) raceway infrastructure and Secret Internet Protocol Router Network (SIPRNET). SIPRNET Premium include the costs for oversight, accreditation and escort services for contractor personnel for these spaces.</p> <p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.</p> <p>Built-in equipment includes two overhead bridge cranes (five-ton), vehicle lifts, forklift charging stations, fire pump equipment, wash rack control/pump building equipment, shelving, racks and lifts.</p> <p>Special costs include Post Construction Contract Award Services (PCAS), cybersecurity commissioning, Guam gross receipt taxes, geospatial surveys and mapping. The cybersecurity commissioning cost is to cover the Department of Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p> <p>Operation and Maintenance Support Information (OMSI) is included in this project.</p> <p>Department of Defense (DoD) and Department of the Navy (DoN) principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title 4th Marines Regiment Facilities	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P305	8. Project Cost (\$000) 109,507	
<p>Site preparation includes clearing and grubbing, debris disposal, fine grading and temporary erosion and soil control.</p> <p>Special foundation features include probing and grouting and structural fill.</p> <p>Paving and site improvements include road access, loading zones, vehicle staging area, vehicle holding shed, curbs and gutters, parking facilities for approximately 90 vehicles, and sidewalks and ramps. The project will also include a flammable/hazardous materials storage area, trash enclosures, mechanical yard, landscaping, temporary irrigation, security bollards, security lighting, pedestrian and bicycle features, and a security fence with gates. Perimeter fencing consists of approximately 4,260 linear feet of seven feet tall chain link fence with three barb-wire tops, for a total overall height of eight feet. Interior fencing consists of approximately 300 linear feet of chain link fence and shall be six feet tall chain link fence with no barb-wires. The ground improvements will include a drainage system consistent with the Guam Master Plan, LID, and the storm water pollution prevention plan.</p> <p>Electrical utilities include primary and secondary electrical distribution systems, transformer enclosure area lighting and telecommunications distribution system.</p> <p>Mechanical utilities include a water distribution system (fire protection and potable), sanitary sewer, oil/water separator, district cooling system connection and storm water drainage systems.</p> <p>Environmental mitigation including cultural resources mitigation (contractor and government) and natural resources mitigation. Specific CR and NR mitigation items include direct and programmatic mitigations required by the Record of Decision, Biological Opinion, and Programmatic Agreement for the Guam Military Relocation. Anticipated mitigations includes best management practices to mitigate risk of introducing and/or spreading invasive species and environmental monitoring and support.</p> <p>Munitions & Explosives of Concern (MEC) mitigation.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title 4th Marines Regiment Facilities	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P305	8. Project Cost (\$000) 109,507	
efficiency.				
<p>11. Requirement: <u>5,582 m2</u> Adequate: Substandard:</p> <p>PROJECT:</p> <p>Constructs administrative, maintenance, storage, supporting facilities and utility infrastructure in support of the 4th Marine Regiment operations at Naval Support Activity Marine Corps Base Guam.</p> <p>(New Mission)</p> <p>REQUIREMENT:</p> <p>The 2009 Guam International Agreement was amended in October 2013 between the United States Government and the Government of Japan. The agreement outlines the realignment of Marine Corps elements to reduce United States military footprint in Okinawa, including the relocation of forces from Japan to Guam.</p> <p>The Guam Master Plan was completed in June 2014 to ensure all operational, base support, training, quality of life requirements, support facilities, and infrastructure were efficiently identified. The majority of the MCB Guam northern area is undeveloped and requires significant site improvements, grading, earthwork, utility infrastructure, fencing and roadways to support vertical construction.</p> <p>The 4th Marine Regiment requires operational, maintenance, and support facilities to conduct the mission requirements of Ground Combat Element (GCE) operating out of NSA MCB Guam.</p> <p>CURRENT SITUATION:</p> <p>There are limited facilities at Finegayan to support the planned transfer of approximately 5,000 permanent and deployed Marine Corps personnel. Permanent personnel are currently stationed in Okinawa, Japan. Rotational units are currently deploying in Okinawa and utilize the existing USMC facilities.</p> <p>Currently, there are not adequate operational, maintenance, or support facilities for the 4th Marine Regiment to conduct required operational and training tasks out of NSA MCB Guam.</p> <p>This project is not sited in a 100-year floodplain.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																								
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title 4th Marines Regiment Facilities																									
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P305	8. Project Cost (\$000) 109,507																									
IMPACT IF NOT PROVIDED: This project is critical in providing the necessary facilities and infrastructure to support the 4th Marine Regiment operations at NSA MCB Guam. Units/activities will not vacate their current facilities until new replacement facilities in Guam have been completed, inspected, accepted and out-fitted. Failure to complete this project on time may delay or prevent relocation from occurring.																												
12. Supplemental Data: A. Estimated Design Data: 1. Status: (A) Date design or Parametric Cost Estimate started 10/2019 (B) Date 35% Design or Parametric Cost Estimate complete 03/2020 (C) Date design completed 12/2020 (D) Percent completed as of September 2020 60% (E) Percent completed as of January 2021 100% (F) Type of design contract Design Bid Build (G) Parametric Estimate used to develop cost Yes (H) Energy Study/Life Cycle Analysis performed Yes 2. Basis: (A) Standard or Definitive Design No (B) Where design was previously used N/A 3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E): (A) Production of plans and specifications \$6,744 (B) All other design costs \$3,372 (C) Total \$10,116 (D) Contract \$8,149 (E) In-house \$1,967 4. Contract award: 10/2021 5. Construction start: 10/2021 6. Construction complete: 01/2024 B. Equipment associated with this project which will be provided from other appropriations: <table border="1"> <thead> <tr> <th>Equipment</th> <th>Procuring</th> <th>FY Approp</th> <th></th> </tr> <tr> <th>Nomenclature</th> <th>Approp</th> <th>or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>C4IT Planning and Design</td> <td>O&MMC</td> <td>2022</td> <td>1,135</td> </tr> <tr> <td>C4IT Procurement and Install</td> <td>PMC</td> <td>Future Request</td> <td>4,140</td> </tr> <tr> <td>Collateral Equipment</td> <td>O&MMC</td> <td>Future Request</td> <td>4,110</td> </tr> <tr> <td>Smart Grid Equipment</td> <td>O&MMC</td> <td>Future Request</td> <td>30</td> </tr> </tbody> </table>					Equipment	Procuring	FY Approp		Nomenclature	Approp	or Requested	Cost (\$000)	C4IT Planning and Design	O&MMC	2022	1,135	C4IT Procurement and Install	PMC	Future Request	4,140	Collateral Equipment	O&MMC	Future Request	4,110	Smart Grid Equipment	O&MMC	Future Request	30
Equipment	Procuring	FY Approp																										
Nomenclature	Approp	or Requested	Cost (\$000)																									
C4IT Planning and Design	O&MMC	2022	1,135																									
C4IT Procurement and Install	PMC	Future Request	4,140																									
Collateral Equipment	O&MMC	Future Request	4,110																									
Smart Grid Equipment	O&MMC	Future Request	30																									
CERTIFYING OFFICIAL STATEMENT: Assistant Deputy Commandant Installations and Logistics (Facilities) certifies that this project has been considered for joint use potential.																												

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title 4th Marines Regiment Facilities	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P305	8. Project Cost (\$000) 109,507	
<p>Joint use is recommended.</p> <p>Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 Manager</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Combat Logistics Batallion-4 Facility	
5. Program Element 0216496M	6. Category Code 21451	7. Project Number P306	8. Project Cost (\$000) 92,710	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
COMBAT LOGISTICS BATTALION-4 FACILITY	LS			53,660
CLB-4 FACILITIES CC21451 (39,256SF)	m2	3,647	11,457.05	(41,780)
CLB-4 VEHICLE WASH CC21455	EA	8	545,311.13	(4,360)
CYBERSECURITY FEATURES	LS			(500)
BUILT-IN EQUIPMENT	LS			(780)
SPECIAL COSTS	LS			(6,030)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(210)
SUPPORTING FACILITIES				29,480
SPECIAL CONSTRUCTION FEATURES	LS			(540)
SITE PREPARATIONS	LS			(8,820)
SPECIAL FOUNDATION FEATURES	LS			(300)
PAVING AND SITE IMPROVEMENTS	LS			(11,870)
ELECTRICAL UTILITIES	LS			(5,870)
MECHANICAL UTILITIES	LS			(1,270)
ENVIRONMENTAL MITIGATION	LS			(660)
MUNITIONS AND EXPLOSIVES OF CONCERN	LS			(150)
SUBTOTAL				83,140
CONTINGENCY (5%)				4,160
TOTAL CONTRACT COST				87,300
SIOH (6.2%)				5,410
SUBTOTAL				92,710
TOTAL REQUEST ROUNDED				92,710
TOTAL REQUEST				92,710
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(8,054)
10. Description of Proposed Construction: Constructs a permanent low-rise facility with reinforced concrete structural frame, walls, floor and roof with fluid-applied roofing, and concrete shallow foundation system. Primary facilities consist of a				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Combat Logistics Batallion-4 Facility	
5. Program Element 0216496M	6. Category Code 21451	7. Project Number P306	8. Project Cost (\$000) 92,710	
<p>maintenance building, an administrative building, and other miscellaneous facilities. Facilities support USMC Combat Logistics Batallion-4 (CLB-4), Headquarters & Service Company (H&S Co.), Transportation Services Company (TSC), Engineers Services Company (ESC), Combat Logistics Regiment 3 (CLR-3) and 3rd Marine Logistics Group (3MLG).</p> <p>The maintenance building includes an automotive organizational shop, electronics / communications shop, construction / weight handling equipment shop, and air or ground or organic units storage. The maintenance building will include service bays, direct support spaces, administrative support spaces, storage, and miscellaneous support spaces. The administration building supports USMC battalion / squadron headquarters and company / battery headquarters. The administration building includes private and open offices, conference rooms, secure workstations, secure meeting rooms, and miscellaneous support spaces. The other facilities consist of a vehicle wash rack facility with vehicle wash rack platforms, vehicle holding shed, and operational hazardous/flammable storage building.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense criteria.</p> <p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.</p> <p>Built-in equipment includes one monorail crane (2-ton), and two bridge cranes (one 10-ton and one 5-ton).</p> <p>Special costs include Post Construction Contract Award Services (PCAS), Guam gross receipts tax, and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the Navy's (DON) cybersecurity requirements as well as DONs in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate. Also included is geospatial surveys and mapping.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>Department of Defense and Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Combat Logistics Batallion-4 Facility	
5. Program Element 0216496M	6. Category Code 21451	7. Project Number P306	8. Project Cost (\$000) 92,710	
<p>(New Mission)</p> <p>REQUIREMENT:</p> <p>The 2009 Guam International Agreement was amended in October 2013 between the United States Government and the Government of Japan. The agreement outlines the realignment of Marine Corps elements to reduce United States military footprint in Okinawa, including the relocation of forces from Japan to Guam.</p> <p>The Guam Master Plan was completed in June 2014 to ensure all operational, base support, training, quality of life requirements, support facilities, and infrastructure were efficiently identified. The majority of the MCB Guam northern area is undeveloped and requires significant site improvements, grading, earthwork, utility infrastructure, fencing and roadways to support vertical construction.</p> <p>CLB-4 requires operational, maintenance, and support facilities to conduct the mission requirements of Marine Air Ground Combat Task Force operating out of Naval Support Activity, Marine Corps Base Guam.</p> <p>CURRENT SITUATION:</p> <p>There are limited facilities at Finegayan to support CLB-4 requirements. The development of MCB Guam in the northern section of Finegayan is in the initial stages, requiring significant site improvements, grading, and utility infrastructure, to provide for the necessary facilities to support approximately 5,000 personnel.</p> <p>This project is not sited in a 100-year floodplain.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>This project is critical in providing the necessary facilities and infrastructure to support the CLB-4 operations at NSA MCB Guam. Units/activities will not vacate their current facilities on Okinawa until new replacement facilities in Guam have been completed, inspected, accepted, and out-fitted. Failure to complete this project on time may delay or prevent relocation from occurring and jeopardizing mission readiness.</p>				
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <p>(A) Date design or Parametric Cost Estimate started 09/2019</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																								
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Combat Logistics Batallion-4 Facility																									
5. Program Element 0216496M	6. Category Code 21451	7. Project Number P306	8. Project Cost (\$000) 92,710																									
(B) Date 35% Design or Parametric Cost Estimate complete 03/2020 (C) Date design completed 04/2021 (D) Percent completed as of September 2020 50% (E) Percent completed as of January 2021 90% (F) Type of design contract Design Bid Build (G) Parametric Estimate used to develop cost Yes (H) Energy Study/Life Cycle Analysis performed Yes																												
2. Basis:																												
(A) Standard or Definitive Design No																												
(B) Where design was previously used N/A																												
3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):																												
(A) Production of plans and specifications \$5,563																												
(B) All other design costs \$2,781																												
(C) Total \$8,344																												
(D) Contract \$6,682																												
(E) In-house \$1,662																												
4. Contract award: 11/2021																												
5. Construction start: 11/2021																												
6. Construction complete: 01/2024																												
B. Equipment associated with this project which will be provided from other appropriations:																												
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: left;"><u>Procuring</u></th> <th style="text-align: left;"><u>FY Approp</u></th> <th></th> </tr> <tr> <th style="text-align: left;"><u>Nomenclature</u></th> <th style="text-align: left;"><u>Approp</u></th> <th style="text-align: left;"><u>or Requested</u></th> <th style="text-align: left;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>C4I Planning and Design</td> <td>O&MMC</td> <td>2022</td> <td>2,074</td> </tr> <tr> <td>C4IT Procurement and Install</td> <td>PMC</td> <td>Future Request</td> <td>3,278</td> </tr> <tr> <td>Collateral Equipment</td> <td>O&MMC</td> <td>Future Request</td> <td>2,672</td> </tr> <tr> <td>Smart Grid Equipment</td> <td>O&MMC</td> <td>Future Request</td> <td>30</td> </tr> </tbody> </table>					<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	C4I Planning and Design	O&MMC	2022	2,074	C4IT Procurement and Install	PMC	Future Request	3,278	Collateral Equipment	O&MMC	Future Request	2,672	Smart Grid Equipment	O&MMC	Future Request	30
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>																										
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>																									
C4I Planning and Design	O&MMC	2022	2,074																									
C4IT Procurement and Install	PMC	Future Request	3,278																									
Collateral Equipment	O&MMC	Future Request	2,672																									
Smart Grid Equipment	O&MMC	Future Request	30																									
CERTIFYING OFFICIAL STATEMENT:																												
Assistant Deputy Commandant Installations and Logistics (Facilities) certifies that this project has been considered for joint use potential. Joint use is recommended.																												
Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 <div style="text-align: center;">Manager</div>																												

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Combat Logistics Batallion-4 Facility	
5. Program Element 0216496M	6. Category Code 21451	7. Project Number P306	8. Project Cost (\$000) 92,710	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Consolidated Armory	
5. Program Element 0216496M	6. Category Code 14345	7. Project Number P307	8. Project Cost (\$000) 43,470	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
CONSOLIDATED ARMORY (34,509SF)	m2	3,206		28,470
CONSOLIDATED ARMORY CC14345 (34,509SF)	m2	3,206	7,727.06	(24,770)
CYBERSECURITY FEATURES	LS			(280)
BUILT-IN EQUIPMENT	LS			(330)
SPECIAL COSTS	LS			(2,830)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(260)
SUPPORTING FACILITIES				10,510
SPECIAL CONSTRUCTION FEATURES	LS			(480)
SITE PREPARATIONS	LS			(1,660)
SPECIAL FOUNDATION FEATURES	LS			(330)
PAVING AND SITE IMPROVEMENTS	LS			(2,920)
ELECTRICAL UTILITIES	LS			(1,690)
MECHANICAL UTILITIES	LS			(1,170)
ENVIRONMENTAL MITIGATION	LS			(1,310)
MUNITIONS AND EXPLOSIVES OF CONCERN	LS			(950)
SUBTOTAL				38,980
CONTINGENCY (5%)				1,950
TOTAL CONTRACT COST				40,930
SIOH (6.2%)				2,540
SUBTOTAL				43,470
TOTAL REQUEST ROUNDED				43,470
TOTAL REQUEST				43,470
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(5,304)
10. Description of Proposed Construction:				
<p>Constructs a low-rise consolidated armory facility in support of 3rd Marine Expeditionary Brigade (MEB) Headquarters, 4th Marine Regimental Headquarters, two Infantry Battalions, Amphibious Attack Vehicle/Combat Engineer Battalion/Light Armored Reconnaissance platoons, Combat Logistics Battalion (CLB-4) and Base Operations requirements.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Consolidated Armory	
5. Program Element 0216496M	6. Category Code 14345	7. Project Number P307	8. Project Cost (\$000) 43,470	
<p>The armory will include cleaning area and spaces to secure crew served weapons and small arms. Facility will be composed of reinforced concrete, with concrete roofs, walls and slab-on-grade construction and will be constructed with walls, flooring, foundation, roofing, mechanical, electrical and information systems appropriate to Guam earthquake and environmental conditions, Information systems include mass notification system, Intrusion Detection System (IDS) raceway infrastructure, and Access Control System (ACS) raceway infrastructure. Buildings will be outfitted with appropriate fire alarm control panels and smoke detection systems. Facilities will be equipped with automatic fire sprinklers and air-conditioning or ventilated as appropriate.</p> <p>Facility-related control systems include cybersecurity features in accordance with current DoD criteria.</p> <p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.</p> <p>Built-in equipment includes a radon mitigation system and emergency generator.</p> <p>Special costs include Post Construction Contract Award Services (PCAS), Guam gross receipt tax, geospatial surveys and mapping, and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>Department of Defense and Department of Navy principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Site preparation includes selective site demolition, clearing and grubbing, green waste recycling, cut and fill and grading.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Consolidated Armory	
5. Program Element 0216496M	6. Category Code 14345	7. Project Number P307	8. Project Cost (\$000) 43,470	
<p>Paving and site improvements include an access road, driveways, parking facilities for approximately 10 vehicles, sidewalks and ramps, landscaping, 2.4m high by 398m long chain link fence including the outrigger with three strands of barb wire installed at a 45 degree angle with gates, security lighting, open storage area, trash enclosure, bicycle racks and protective bollards and bioretention basin. The ground improvements will include a drainage system storm water pollution prevention plan.</p> <p>Electrical utilities include primary and secondary electrical distribution systems, transformer, area lighting and communications system distribution.</p> <p>Mechanical utilities include water distribution system, sanitary sewer system, chilled water connection to district plant and storm water drainage systems.</p> <p>Environmental mitigation includes natural and cultural resource mitigation, to include direct and programmatic mitigations required by the Record of Decision (ROD), Biological Opinion (BO) and Programmatic Agreement (PA). Environmental mitigation measures include work stoppage due to inadvertent discovery of natural or cultural resources, natural and cultural resource awareness training, pre construction survey for endangered species, sensitive habitat and high value trees, develop and execute a Hazard Analysis and Critical Control point Plan including vehicle inspections and washing, material storage requirements, and Coconut Rhinoceros Beetle and Little Fire Ant management procedures, use of hooded lights in fruit bat habitat and Green Waste management measures.</p> <p>Unexploded Ordnance (UXO) and Munitions and Explosives of Concern (MEC) mitigation will also be provided. MEC/UXO mitigation includes anomaly detection and clearance for foundation excavation and preparation below an elevation that is four feet below the rough grade elevation for the site. J001-B project will mitigate MEC/UXO above this elevation.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p>				
11. Requirement: <u>3,206 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u> PROJECT:				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Consolidated Armory	
5. Program Element 0216496M	6. Category Code 14345	7. Project Number P307	8. Project Cost (\$000) 43,470	
<p>Constructs a consolidated armory facility in support of 3rd MEB HQ, 4th Marine Regimental Headquarters, two Infantry Battalions, ACV/CEB/LAR platoons, CLB-4 and Base Operations requirements at Marine Corps Base (MCB) Guam.</p> <p>(New Mission)</p> <p>REQUIREMENT:</p> <p>The 2009 Guam International Agreement was amended in October 2013 between the United States Government and the Government of Japan. The agreement outlines the realignment of Marine Corps elements to reduce the United States military footprint on Okinawa, including the relocation of forces from Japan to Guam.</p> <p>The Guam Master Plan was completed in June 2014 to ensure all operational, base support, training, quality of life requirements, support facilities and infrastructure were efficiently identified. The majority of the MCB Guam northern area is undeveloped and requires significant site improvements, grading, earthwork, utility infrastructure, fencing and roadways to support vertical construction. An armory facility is required to properly secure and clean unit weapons at MCB Guam.</p> <p>CURRENT SITUATION:</p> <p>There are no armory facilities available at MCB Guam and the installation is in the initial stages of development, requiring significant site improvements, grading and utility infrastructure to accommodate approximately 5,000 personnel.</p> <p>This project is not sited in a 100-year floodplain.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>There are limited facilities at Finegayan to support the planned transfer of approximately 5,000 permanent Marine Corps ground combat element personnel and personnel on rotational deployments. Permanent personnel are currently stationed in Okinawa, Japan.</p> <p>Rotational units are currently deploying in Okinawa and utilize the existing USMC facilities. Units / Activities will not vacate their current facilities on Okinawa until new replacement and support facilities in Guam have been completed, inspected and equipped. Failure to complete this</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Consolidated Armory	
5. Program Element 0216496M	6. Category Code 14345	7. Project Number P307	8. Project Cost (\$000) 43,470	
project on time may delay or prevent the relocation from occurring.				
12. Supplemental Data:				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2019
(B) Date 35% Design or Parametric Cost Estimate complete				03/2020
(C) Date design completed				03/2021
(D) Percent completed as of September 2020				50%
(E) Percent completed as of January 2021				90%
(F) Type of design contract				Design Bid Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				n/a
3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$2,608
(B) All other design costs				\$1,304
(C) Total				\$3,912
(D) Contract				\$3,151
(E) In-house				\$761
4. Contract award:				10/2021
5. Construction start:				10/2021
6. Construction complete:				01/2024
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
C4IT Planning & Design	O&MMC	2020	1,367	
C4IT Procurement & Install	PMC	Future Request	1,583	
Collateral Equipment	O&MMC	Future Request	2,324	
Smart Grid Equipment	PMC	Future Request	30	
CERTIFYING OFFICIAL STATEMENT:				
Assistant Deputy Commandant Installations and Logistics (Facilities) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: NAVFAC HQ MILCON Program Manager		Phone No: 202-685-9401		

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Consolidated Armory	
5. Program Element 0216496M	6. Category Code 14345	7. Project Number P307	8. Project Cost (\$000) 43,470	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Infantry Battalion Company HQ	
5. Program Element 0216496M	6. Category Code 61073	7. Project Number P310	8. Project Cost (\$000) 44,100	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
INFANTRY BATTALION COMPANY HQ (40,440SF)	m2	3,757		34,700
ADMINISTRATIVE OFFICE CC61073 (40,440SF)	m2	3,757	8,030	(30,170)
SIPRNET (PREMIUM)	LS			(180)
CYBERSECURITY FEATURES	LS			(360)
BUILT-IN EQUIPMENT	LS			(360)
SPECIAL COSTS	LS			(3,440)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(190)
SUPPORTING FACILITIES				4,850
SPECIAL CONSTRUCTION FEATURES	LS			(10)
SITE PREPARATIONS	LS			(1,380)
SPECIAL FOUNDATION FEATURES	LS			(150)
PAVING AND SITE IMPROVEMENTS	LS			(1,590)
ELECTRICAL UTILITIES	LS			(600)
MECHANICAL UTILITIES	LS			(580)
ENVIRONMENTAL MITIGATION	LS			(450)
MUNITIONS AND EXPLOSIVES OF CONCERN	LS			(90)
SUBTOTAL				39,550
CONTINGENCY (5%)				1,980
TOTAL CONTRACT COST				41,530
SIOH (6.2%)				2,570
SUBTOTAL				44,100
TOTAL REQUEST ROUNDED				44,100
TOTAL REQUEST				44,100
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(6,369)
10. Description of Proposed Construction:				
Constructs a two-story Infantry Battalion Company Headquarters to support the administrative functions of two infantry battalions. The facility consists of reinforced concrete components such as, exterior walls, floors, shallow foundation system of spread and strip footings, beams and pitched				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Infantry Battalion Company HQ	
5. Program Element 0216496M	6. Category Code 61073	7. Project Number P310	8. Project Cost (\$000) 44,100	
<p>roof, windows, and mechanical, electrical and communication systems appropriate to Guam's seismic and environmental conditions. Spaces include private and open offices, shared conference/multi-purpose room, secure room, secure video teleconferencing capability (VTC) conference room, restrooms, lactation/wellness room, shared break rooms, storage rooms, covered unenclosed platform area, mechanical, electrical and communication spaces.</p> <p>SIPRNET Premium includes the costs for oversight, accreditation, and escort services for contractor personnel for these spaces.</p> <p>Facility-related control systems include cybersecurity features in accordance with current DoD criteria.</p> <p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.</p> <p>Built-in equipment includes a passenger/freight elevator.</p> <p>Special costs include Post Construction Contract Award Services (PCAS), cybersecurity commissioning, archaeological monitoring/historic preservation support, Guam gross receipt taxes, and geospatial surveys and mapping. The cybersecurity commissioning cost is to cover the Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>Department of Defense and Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low impact development will be included in the design and construction of this project as appropriate.</p> <p>Special construction features include a passive radon mitigation system.</p> <p>Site preparation includes clearing and grubbing, temporary erosion and sediment control, cut and fill grading and soil management.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Infantry Battalion Company HQ	
5. Program Element 0216496M	6. Category Code 61073	7. Project Number P310	8. Project Cost (\$000) 44,100	
<p>Paving and site improvements include road access, fire department access road, pedestrian walkway, curbs and gutters, sidewalks, retaining walls, building signage, trash enclosure, pedestrian and bicycling features (including, bike racks and stationary benches), Low Impact Development features including the underground sedimentation basin and landscaping. The ground improvements will include a drainage system.</p> <p>Environmental mitigation includes natural and cultural resource mitigation to include direct and programmatic mitigations required by the 2015 Record of Decision, 2018 Biological Opinion, and 2011 Programmatic Agreement for the Guam Military Relocation. Anticipated mitigations includes best management practices to mitigate risk of introducing and/or spreading invasive species and environmental monitoring and support. Unexploded ordnance and munitions and explosives of concern clearance is required for this project. Ground intrusion activities or excavation work will adhere to Joint Region Marianas (JRM) Explosive Safety Submission.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p>				
<p>11. Requirement: <u>3,757 m2</u> Adequate: <u>0 m2</u> Substandard:</p> <p>PROJECT:</p> <p>Constructs administrative spaces, supporting facilities and utility infrastructure in support of two infantry battalions.</p> <p>(New Mission)</p> <p>REQUIREMENT:</p> <p>The 2009 Guam International Agreement was amended in October 2013 between the U.S. Government and the Government of Japan (GOJ). The agreement outlines the realignment of Marine Corps forces to reduce the U.S. military footprint on Okinawa, including the relocation of forces from Japan to Guam. The Guam Master Plan was completed in June 2014 to ensure all operational, base support, training, quality of life requirements, support facilities and infrastructure were identified and sited. The two infantry battalions that will operate at Naval Support Activity Marine Corps Base (NSA MCB) Guam require administrative spaces for their company headquarters.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																																
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Infantry Battalion Company HQ																																	
5. Program Element 0216496M	6. Category Code 61073	7. Project Number P310	8. Project Cost (\$000) 44,100																																	
<p>Timely construction of this facility is required to accommodate the initial relocation of Marine Corps forces to NSA MCB Guam.</p> <p>CURRENT SITUATION:</p> <p>There are limited facilities at Finegayan to support NSA MCB Guam requirements. The development on MCB Guam in the northern section of Finegayan is in the initial stages, requiring significant site improvements, grading and utility infrastructure, to provide for the necessary facilities to support approximately 5,000 personnel.</p> <p>This project is not sited in a 100-year floodplain.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>This project is critical in providing the necessary facilities and infrastructure to support USMC personnel on NSA MCB Guam. Units/activities will not vacate their current facilities in Okinawa, Japan until replacement and support facilities in Guam have been completed, inspected, accepted and outfitted. Failure to complete this project on time may delay or prevent the relocation from occurring.</p>																																				
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>09/2019</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>03/2020</td> </tr> <tr> <td>(C) Date design completed</td> <td>03/2021</td> </tr> <tr> <td>(D) Percent completed as of September 2020</td> <td>60%</td> </tr> <tr> <td>(E) Percent completed as of January 2021</td> <td>100%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Bid Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>Yes</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design</td> <td>No</td> </tr> <tr> <td>(B) Where design was previously used</td> <td></td> </tr> </table> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <table> <tr> <td>(A) Production of plans and specifications</td> <td>\$2,797</td> </tr> <tr> <td>(B) All other design costs</td> <td>\$1,399</td> </tr> <tr> <td>(C) Total</td> <td>\$4,196</td> </tr> <tr> <td>(D) Contract</td> <td>\$3,380</td> </tr> <tr> <td>(E) In-house</td> <td>\$816</td> </tr> </table> <p>4. Contract award:</p> <table> <tr> <td></td> <td>03/2022</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	09/2019	(B) Date 35% Design or Parametric Cost Estimate complete	03/2020	(C) Date design completed	03/2021	(D) Percent completed as of September 2020	60%	(E) Percent completed as of January 2021	100%	(F) Type of design contract	Design Bid Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	Yes	(A) Standard or Definitive Design	No	(B) Where design was previously used		(A) Production of plans and specifications	\$2,797	(B) All other design costs	\$1,399	(C) Total	\$4,196	(D) Contract	\$3,380	(E) In-house	\$816		03/2022
(A) Date design or Parametric Cost Estimate started	09/2019																																			
(B) Date 35% Design or Parametric Cost Estimate complete	03/2020																																			
(C) Date design completed	03/2021																																			
(D) Percent completed as of September 2020	60%																																			
(E) Percent completed as of January 2021	100%																																			
(F) Type of design contract	Design Bid Build																																			
(G) Parametric Estimate used to develop cost	Yes																																			
(H) Energy Study/Life Cycle Analysis performed	Yes																																			
(A) Standard or Definitive Design	No																																			
(B) Where design was previously used																																				
(A) Production of plans and specifications	\$2,797																																			
(B) All other design costs	\$1,399																																			
(C) Total	\$4,196																																			
(D) Contract	\$3,380																																			
(E) In-house	\$816																																			
	03/2022																																			

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																				
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Infantry Battalion Company HQ																					
5. Program Element 0216496M	6. Category Code 61073	7. Project Number P310	8. Project Cost (\$000) 44,100																					
5. Construction start: 04/2022 6. Construction complete: 06/2024 B. Equipment associated with this project which will be provided from other appropriations: <table border="0"> <thead> <tr> <th><u>Equipment</u></th> <th><u>Procuring</u></th> <th><u>FY Approp</u></th> <th></th> </tr> <tr> <th><u>Nomenclature</u></th> <th><u>Approp</u></th> <th><u>or Requested</u></th> <th><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>C4IT Planning and Design</td> <td>O&MMC</td> <td>2022</td> <td>1,341</td> </tr> <tr> <td>C4IT Procurement & Install</td> <td>PMC</td> <td>Future Request</td> <td>2,564</td> </tr> <tr> <td>Collateral Equipment</td> <td>O&MMC</td> <td>Future Request</td> <td>2,464</td> </tr> </tbody> </table>					<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	C4IT Planning and Design	O&MMC	2022	1,341	C4IT Procurement & Install	PMC	Future Request	2,564	Collateral Equipment	O&MMC	Future Request	2,464
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>																						
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>																					
C4IT Planning and Design	O&MMC	2022	1,341																					
C4IT Procurement & Install	PMC	Future Request	2,564																					
Collateral Equipment	O&MMC	Future Request	2,464																					
CERTIFYING OFFICIAL STATEMENT: Assistant Deputy Commandant Installations and Logistics (Facilities) certifies that this project has been considered for joint use potential. Joint use is recommended.																								
Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 Manager																								

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Infantry Battalion Company HQ	
5. Program Element 0216496M	6. Category Code 61073	7. Project Number P310	8. Project Cost (\$000) 44,100	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Marine Expeditionary Brigade Enablers	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P314	8. Project Cost (\$000) 66,830	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MARINE EXPEDITIONARY BRIGADE ENABLERS (55,133SF)	m2	5,122		44,330
MEB ENABLER ADMIN/SHOP FACILITY CC21710 (28,255SF)	m2	2,625	9,319	(24,460)
MEB ENABLER STORAGE WAREHOUSE CC21710 (26,877SF)	m2	2,497	5,653	(14,120)
CYBERSECURITY FEATURES	LS			(430)
BUILT-IN EQUIPMENT	LS			(360)
SPECIAL COSTS	LS			(4,570)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(390)
SUPPORTING FACILITIES				15,600
SITE PREPARATIONS	LS			(1,770)
SPECIAL FOUNDATION FEATURES	LS			(170)
PAVING AND SITE IMPROVEMENTS	LS			(8,470)
ELECTRICAL UTILITIES	LS			(1,090)
MECHANICAL UTILITIES	LS			(2,970)
ENVIRONMENTAL MITIGATION	LS			(570)
MUNITIONS AND EXPLOSIVES OF CONCERN	LS			(560)
SUBTOTAL				59,930
CONTINGENCY (5%)				3,000
TOTAL CONTRACT COST				62,930
SIOH (6.2%)				3,900
SUBTOTAL				66,830
TOTAL REQUEST ROUNDED				66,830
TOTAL REQUEST				66,830
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(9,157)
10. Description of Proposed Construction: Constructs a Marine Expeditionary Brigade (MEB) Enablers facility. The facility provides a primary operating force at Naval Support Activity Marine Corps Base Guam to base their operations and execute its mission.				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Marine Expeditionary Brigade Enablers	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P314	8. Project Cost (\$000) 66,830	
<p>The administrative/shop facility and communication equipment storage/warehouse will be single-story, cast-in-place concrete framed building with interior cast-in-place concrete columns and perimeter cast-in-place concrete walls and reinforced concrete foundations. The roof framing system will be gabled roofs with a ridge beam spanning between the interior columns and perimeter walls.</p> <p>The administrative/shop facility will have administrative, supply, direct support, and maintenance spaces to support the mission of the Third Marine Expeditionary Brigade (3D MEB). The maintenance bays include space for communication-electronic maintenance, motor transport operation and maintenance, material handling equipment operation and maintenance, and electrical power and generation and distribution services. Tool storage, layette rooms, battery issue and other direct support is included. The admin/shop facility will also include support functions such as conferencing, secure areas, lockers, showers, and other required building support.</p> <p>A separate but adjacent communication equipment storage/warehouse is planned for communications storage and supply storage.</p> <p>Building systems in both facilities include plumbing, wet-pipe sprinkler system, fire alarm with mass notification system, public address system, and ventilation and air conditioning. The warehouse space will be ventilated. The project includes information systems including telephone, local area network, and data communication, Marine Corps Enterprise Network, Non-Classified Internet Protocol Router Network, Secret Internet Protocol Router Network, Electronic Security Systems include Automated Access Control System (AACS) and Intrusion Detection Systems. The building will be designed and constructed to meet the Architectural Barriers Act Accessibility Standard for Department of Defense (DoD) facilities.</p> <p>Facility-related control systems include cybersecurity features in accordance with current DoD criteria.</p> <p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.</p> <p>Built-in equipment includes an emergency generator, bridge crane, and radon mitigation.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Marine Expeditionary Brigade Enablers	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P314	8. Project Cost (\$000) 66,830	
<p>Special costs include Post Construction Contract Award Services (PCAS), Guam gross receipts tax, geospatial surveying and mapping, cybersecurity commissioning, cultural resource mitigation and SIPRNet premium. The cybersecurity commissioning cost is to cover the Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>DoD and the DON principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Site preparations include temporary erosion control, cut and fill, grading, and clearing and grubbing for the project site.</p> <p>Paving and site improvements include operational vehicle laydown area, access roads, parking facilities composed of approximately 60 spaces, curb and gutter, sidewalks, landscaping, 722 linear meters of 2.1 meter high airfield fencing with three strands of barbed wire on double yoke outriggers, trash enclosure, hazardous/flammable storage building, three vehicle wash platforms, and a grease rack. Additional site improvements include vegetated bio-filtration swales and basins to control infiltration into the soil.</p> <p>Electrical utilities include primary and secondary distribution systems, pad mounted switch, manholes, transformer, area and security lighting, generator building, and primary and secondary communication distribution systems.</p> <p>Mechanical utilities include water distribution system, sanitary sewer lines, oil water separator, and storm drainage system.</p> <p>Environmental mitigation includes natural resource mitigation, to include direct and programmatic mitigations required by the Record of Decision, Biological Opinion, and Programmatic Agreement, unexploded ordnance (UXO) and munitions and explosives of concern (MEC). Environmental natural resources mitigation is composed of contractor education program and a</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Marine Expeditionary Brigade Enablers	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P314	8. Project Cost (\$000) 66,830	
<p>Hazard Analysis and Critical Control Points Plan and subsequent implementation. UXO and MEC will require mitigation such as scanning, removal, and disposal where necessary.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p>				
<p>11. Requirement: <u>5,122 m2</u> Adequate: Substandard:</p> <p>PROJECT:</p> <p>Constructs a new MEB Enabler administrative/shop facility and communications equipment storage/warehouse, with electronics/communications maintenance shop, automotive organizational shop, construction/weight handling equipment shop, storage of air or ground organic units, operational hazardous/flammable storage, company/battery headquarters, and vehicle holding shed.</p> <p>(New Mission)</p> <p>REQUIREMENT:</p> <p>The 2009 Guam International Agreement was amended in October 2013 between the United States Government and the Government of Japan. The agreement outlines the realignment of Marine Corps forces to reduce the United States military footprint on Okinawa, including the relocation of forces from Japan to Guam. This relocation will require the development of a vehicle maintenance shop to meet operational requirements to maintain all transportation equipment assigned to this new installation.</p> <p>As the senior operational element at Naval Support Activity Marine Corps Base Guam, 3D MEB requires an efficient and purpose-built base of operations to execute its mission. The 3D MEB will be the senior operational element stationed at NSA MCB Guam. When directed by Third Marine Expeditionary Force (III MEF), 3D MEB will oversee forces that deploy from III MEF to execute its mission. The operational forces stationed at NSA MCB Guam will include a command element, a ground combat element consisting of a reinforced infantry regiment, a logistics combat element consisting of a combat logistics regiment, and an aviation combat element.</p> <p>CURRENT SITUATION:</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Marine Expeditionary Brigade Enablers	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P314	8. Project Cost (\$000) 66,830	
<p>Currently, the 3D MEB operations are based out of Okinawa, Japan. There is no existing facility at NSA MCB Guam for the MEB Enablers to perform their mission when the mission moves to Guam.</p> <p>The MEB Enablers requires a consolidated, adequate, and efficiently configured administrative and shop facility and warehouse space to base their operations.</p> <p>This project is not sited in a 100-year floodplain.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If this facility is not constructed, the 3D MEB will have no place to operate and will not be able to transition the mission to the United States. As a result, the international agreement to realign USMC forces to reduce the US footprint on Okinawa will not be met. Remaining on Okinawa as status quo will jeopardize the agreement.</p>				
12. Supplemental Data:				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2019
(B) Date 35% Design or Parametric Cost Estimate complete				03/2020
(C) Date design completed				03/2021
(D) Percent completed as of September 2020				50%
(E) Percent completed as of January 2021				90%
(F) Type of design contract				Design Bid Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$4,010
(B) All other design costs				\$2,005
(C) Total				\$6,015
(D) Contract				\$4,845
(E) In-house				\$1,170
4. Contract award:				10/2021
5. Construction start:				11/2021
6. Construction complete:				01/2024

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Marine Expeditionary Brigade Enablers																	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P314	8. Project Cost (\$000) 66,830																	
<p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1"> <thead> <tr> <th><u>Equipment</u> <u>Nomenclature</u></th> <th><u>Procuring</u> <u>Approp</u></th> <th><u>FY Approp</u> <u>or Requested</u></th> <th><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>C4IT Planning & Design</td> <td>O&MMC</td> <td>2020</td> <td>2,955</td> </tr> <tr> <td>C4IT Procurement & Install</td> <td>PMC</td> <td>Future Request</td> <td>5,673</td> </tr> <tr> <td>CEQ</td> <td>O&MMC</td> <td>Future Request</td> <td>529</td> </tr> </tbody> </table>					<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Approp</u>	<u>FY Approp</u> <u>or Requested</u>	<u>Cost (\$000)</u>	C4IT Planning & Design	O&MMC	2020	2,955	C4IT Procurement & Install	PMC	Future Request	5,673	CEQ	O&MMC	Future Request	529
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Approp</u>	<u>FY Approp</u> <u>or Requested</u>	<u>Cost (\$000)</u>																	
C4IT Planning & Design	O&MMC	2020	2,955																	
C4IT Procurement & Install	PMC	Future Request	5,673																	
CEQ	O&MMC	Future Request	529																	
<p>CERTIFYING OFFICIAL STATEMENT:</p> <p>Assistant Deputy Commandant Installations and Logistics (Facilities) certifies that this project has been considered for joint use potential. Joint use is recommended.</p>																				
<p>Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 Manager</p>																				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Principal End Item (PEI) Warehouse	
5. Program Element 0216496M	6. Category Code 14311	7. Project Number P326	8. Project Cost (\$000) 47,110	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
PRINCIPAL END ITEM (PEI) WAREHOUSE (43,099SF)	m2	4,004		30,850
PEI WAREHOUSE CC14311 (43,099SF)	m2	4,004	6,788.95	(27,180)
CYBERSECURITY FEATURES	LS			(330)
SPECIAL COSTS	LS			(3,060)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(280)
SUPPORTING FACILITIES				11,400
SPECIAL CONSTRUCTION FEATURES	LS			(550)
SITE PREPARATIONS	LS			(1,770)
SPECIAL FOUNDATION FEATURES	LS			(240)
PAVING AND SITE IMPROVEMENTS	LS			(4,100)
ELECTRICAL UTILITIES	LS			(1,530)
MECHANICAL UTILITIES	LS			(2,310)
ENVIRONMENTAL MITIGATION	LS			(680)
MUNITIONS AND EXPLOSIVES OF CONCERN	LS			(220)
SUBTOTAL				42,250
CONTINGENCY (5%)				2,110
TOTAL CONTRACT COST				44,360
SIOH (6.2%)				2,750
SUBTOTAL				47,110
TOTAL REQUEST ROUNDED				47,110
TOTAL REQUEST				47,110
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,913)
10. Description of Proposed Construction:				
<p>Constructs a humidity-controlled Principal End Item (PEI) Warehouse structure with reinforced concrete floors, columns, walls and roof with fluid-applied roofing for the storage of operational military vehicles. PEI Warehouse will be unoccupied. The structure will have a reinforced concrete shallow foundation system.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Principal End Item (PEI) Warehouse	
5. Program Element 0216496M	6. Category Code 14311	7. Project Number P326	8. Project Cost (\$000) 47,110	
<p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria.</p> <p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.</p> <p>Special costs include Post Construction Contract Award Services (PCAS), Guam gross receipt tax, geospatial surveys and mapping, and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the Navy's cybersecurity requirements as well as the Navy's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>DoD and Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Site preparation includes site clearing, grubbing, green waste recycling, and earthwork.</p> <p>Paving and site improvements include asphaltic concrete roadway and vehicle staging areas, landscaping, trash enclosure, 457 linear meters of fencing, gates, bollards, and concrete retaining wall.</p> <p>Electrical utilities include a primary and secondary electrical distribution system, electrical transformer with enclosure, area lighting, and telecommunication distribution systems. The building will be designed with Smartgrid capabilities and the ability to connect to future district cooling systems.</p> <p>Mechanical utilities include water distribution system, fire protection distribution system, chilled water distribution system, and storm sewer system.</p> <p>Environmental mitigation includes natural and cultural resource mitigation,</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Principal End Item (PEI) Warehouse	
5. Program Element 0216496M	6. Category Code 14311	7. Project Number P326	8. Project Cost (\$000) 47,110	
<p>to include direct and programmatic mitigations required by the Record of Decision, Biological Opinion Programmatic Agreement. Environmental mitigation requirements are established in the Final and Supplemental Environmental Impact Statements and the respective Records of Decision. Additional cultural resource mitigations are prescribed in the Programmatic Agreement with the Guam State Historic Preservation Office. Additional Natural Resource mitigations are prescribed in the Biological Opinion with U.S. Fish and Wildlife Services.</p> <p>Unexploded Ordnance and Munitions of Concern will be provided.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p>				
<p>11. Requirement: <u>4,004 m2</u> Adequate: Substandard:</p> <p>PROJECT:</p> <p>Construct an operational vehicle warehouse in support of Marine Air-Ground Task Force (MAGTF) at Marine Corps Base (MCB) Guam.</p> <p>(New Mission)</p> <p>(New Mission)</p> <p>REQUIREMENT:</p> <p>The 2009 Guam International Agreement was amended in October 2013 between the United States Government and the Government of Japan. The agreement outlines the realignment of Marine Corps elements to reduce United States military footprint in Okinawa, including the relocation of forces from Japan to Guam.</p> <p>The majority of the MCB Guam northern area is undeveloped and requires significant site improvements, grading, earthwork, utility infrastructure, fencing and roadways to support vertical construction. A PEI Warehouse is required to provide the operational forces the ability to cycle vehicles from steady-state operations into maintenance while maintaining select vehicles at 100% readiness.</p> <p>CURRENT SITUATION:</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																																
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Principal End Item (PEI) Warehouse																																	
5. Program Element 0216496M	6. Category Code 14311	7. Project Number P326	8. Project Cost (\$000) 47,110																																	
<p>There are limited facilities at Finegayan to support the planned transfer of approximately 5,000 permanent and deployed Marine Corps personnel. Permanent personnel are currently stationed in Okinawa, Japan. Rotational units are currently deployed to Okinawa and utilize the existing USMC facilities. Currently there are not enough adequate operational, maintenance, or support facilities including PEI Warehouse facilities for the MAGTF to conduct required operational and training tasks out of NSA MCB Guam.</p> <p>This project is not in the 100-year floodplain.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding long-term adverse environmental effects.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Units/activities will not vacate their current facilities on Okinawa until new replacement and support facilities in Guam have been completed, inspected, and equipped. Failure to complete this project on time may delay or prevent the relocation from occurring.</p>																																				
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>09/2019</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>02/2020</td> </tr> <tr> <td>(C) Date design completed</td> <td>02/2021</td> </tr> <tr> <td>(D) Percent completed as of September 2020</td> <td>50%</td> </tr> <tr> <td>(E) Percent completed as of January 2021</td> <td>90%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Bid Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>Yes</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design</td> <td>No</td> </tr> <tr> <td>(B) Where design was previously used</td> <td>n/a</td> </tr> </table> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <table> <tr> <td>(A) Production of plans and specifications</td> <td>\$4,153</td> </tr> <tr> <td>(B) All other design costs</td> <td>\$1,615</td> </tr> <tr> <td>(C) Total</td> <td>\$5,768</td> </tr> <tr> <td>(D) Contract</td> <td>\$2,885</td> </tr> <tr> <td>(E) In-house</td> <td>\$2,883</td> </tr> </table> <p>4. Contract award:</p> <table> <tr> <td></td> <td>03/2022</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	09/2019	(B) Date 35% Design or Parametric Cost Estimate complete	02/2020	(C) Date design completed	02/2021	(D) Percent completed as of September 2020	50%	(E) Percent completed as of January 2021	90%	(F) Type of design contract	Design Bid Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	Yes	(A) Standard or Definitive Design	No	(B) Where design was previously used	n/a	(A) Production of plans and specifications	\$4,153	(B) All other design costs	\$1,615	(C) Total	\$5,768	(D) Contract	\$2,885	(E) In-house	\$2,883		03/2022
(A) Date design or Parametric Cost Estimate started	09/2019																																			
(B) Date 35% Design or Parametric Cost Estimate complete	02/2020																																			
(C) Date design completed	02/2021																																			
(D) Percent completed as of September 2020	50%																																			
(E) Percent completed as of January 2021	90%																																			
(F) Type of design contract	Design Bid Build																																			
(G) Parametric Estimate used to develop cost	Yes																																			
(H) Energy Study/Life Cycle Analysis performed	Yes																																			
(A) Standard or Definitive Design	No																																			
(B) Where design was previously used	n/a																																			
(A) Production of plans and specifications	\$4,153																																			
(B) All other design costs	\$1,615																																			
(C) Total	\$5,768																																			
(D) Contract	\$2,885																																			
(E) In-house	\$2,883																																			
	03/2022																																			

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Principal End Item (PEI) Warehouse	
5. Program Element 0216496M	6. Category Code 14311	7. Project Number P326	8. Project Cost (\$000) 47,110	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Bachelor Enlisted Quarters H (Inc)	
5. Program Element 0216496M	6. Category Code 72141	7. Project Number P459B	8. Project Cost (\$000) 43,200	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
BACHELOR ENLISTED QUARTERS H (INC) (179,542SF)	m2	16,680		119,470
BEQ COMPLEX CC72141 (175,387SF)	m2	16,294	6,117.02	(99,670)
UTILITY BUILDING CC72141 (4,155SF)	m2	386	13,829.15	(5,340)
CYBERSECURITY FEATURES	LS			(500)
BUILT-IN EQUIPMENT	LS			(1,380)
SPECIAL COSTS	LS			(11,460)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(1,120)
SUPPORTING FACILITIES				22,600
SPECIAL CONSTRUCTION FEATURES	LS			(330)
SITE PREPARATIONS	LS			(3,610)
SPECIAL FOUNDATION FEATURES	LS			(2,300)
PAVING AND SITE IMPROVEMENTS	LS			(9,100)
ELECTRICAL UTILITIES	LS			(2,630)
MECHANICAL UTILITIES	LS			(3,320)
ENVIRONMENTAL MITIGATION	LS			(1,310)
SUBTOTAL				142,070
CONTINGENCY (5%)				7,100
TOTAL CONTRACT COST				149,170
SIOH (6.2%)				9,250
SUBTOTAL				158,420
DESIGN/BUILD - DESIGN COST				5,680
TOTAL REQUEST ROUNDED				164,100
TOTAL REQUEST				164,100
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(4,180)
10. Description of Proposed Construction: Constructs a multi-story bachelor enlisted quarters (BEQ) building complex with pile foundations and reinforced concrete walls, framing, and roof. The BEQ complex consists of a BEQ tower with an attached community core building, and a washdown and drying area. The BEQ tower provides 300 rooms				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Bachelor Enlisted Quarters H (Inc)	
5. Program Element 0216496M	6. Category Code 72141	7. Project Number P459B	8. Project Cost (\$000) 43,200	
<p>for unaccompanied E1-E5 personnel with semi-private baths in the standard Marine Corps 2+0 room configuration for unaccompanied Marines. The BEQ tower includes vestibules, elevators, mechanical/electrical rooms, janitor closets, and telephone/communication rooms. The community core building includes laundry facilities, a duty office and duty bunk room, a vending machine area, a multi-purpose room, public restrooms, and a multi-function room.</p> <p>Constructs a utility building with reinforced concrete walls, framing, and roof. The utility building houses an emergency generator with fuel tank, a fire pump, and HVAC equipment.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria.</p> <p>This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings.</p> <p>Built-in equipment includes three passenger/freight elevators, an emergency diesel generator, and a fire pump.</p> <p>Special costs include Post Construction Contract Award Services (PCAS), cybersecurity commissioning, geospatial data survey and mapping, and the Guam Business Privilege Tax. The cybersecurity commissioning cost is to cover the contractor's submittals, administrative actions, and compliance with Department of the Navy's (DON) cybersecurity requirements as well as DON in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>DoD and DON principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development (LID) will be included in the design and construction of this project as appropriate.</p> <p>Site preparation includes earthwork and probing and grouting of subsurface voids.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Bachelor Enlisted Quarters H (Inc)	
5. Program Element 0216496M	6. Category Code 72141	7. Project Number P459B	8. Project Cost (\$000) 43,200	
<p>Special foundation features include drilled concrete piles.</p> <p>Paving and site improvements include landscaping, fire lane, parking, LID features (bio-retention basins, bio-swales and other infiltration systems), pavilions, sidewalks, curbs and gutters, a trash enclosure, bollards, and signage.</p> <p>Electrical Utilities include primary and secondary electrical distribution systems, transformer, telecommunications distribution system, and area lighting.</p> <p>Mechanical utilities include water distribution system, sanitary sewer system, oil-water separator, and storm sewer systems.</p> <p>Environmental mitigation includes cultural and natural resource mitigation and unexploded ordnance/munitions and explosives of concern clearance.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p> <p>Intended Grade Mix: 270 E1-E3, 165 E4-E5 Total: 435 Persons Maximum Utilization: 600 E1-E3</p>				
<p>11. Requirement: <u>16,680 m2</u> Adequate: Substandard:</p> <p>PROJECT: Constructs a BEQ and support facilities. (New Mission)</p> <p>REQUIREMENT: The 2009 Guam International Agreement (amended in October 2013) between the United States Government and the Government of Japan outlines the realignment of Marine Corps (USMC) forces to reduce the United States military footprint on Okinawa, including the relocation of forces from Japan to Guam. The Guam Master Plan was completed in June 2014 to ensure all operational, base support, training, and quality of life requirements and support facilities and infrastructure were identified and sited.</p> <p>A BEQ is required to provide unaccompanied E1-E5 personnel with adequate,</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																																										
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Bachelor Enlisted Quarters H (Inc)																																											
5. Program Element 0216496M	6. Category Code 72141	7. Project Number P459B	8. Project Cost (\$000) 43,200																																											
<p>efficiently configured and comfortable living units and common spaces.</p> <p>CURRENT SITUATION:</p> <p>USMC does not have any facilities on Guam to adequately house unaccompanied E1-E5 personnel.</p> <p>This project is not sited within a 100-year floodplain.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Units/activities will not vacate their current facilities on Okinawa, Japan until new replacement and support facilities in Guam have been completed, inspected, accepted, and outfitted. Failure to complete this project on time may delay or prevent the relocation from occurring.</p>																																														
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>09/2017</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>03/2018</td> </tr> <tr> <td>(C) Date design completed</td> <td>12/2020</td> </tr> <tr> <td>(D) Percent completed as of June 2020</td> <td>60%</td> </tr> <tr> <td>(E) Percent completed as of January 2021</td> <td>100%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>Yes</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design</td> <td>Yes</td> </tr> <tr> <td>(B) Where design was previously used</td> <td>J-016, J-030</td> </tr> </table> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <table> <tr> <td>(A) Production of plans and specifications</td> <td>\$3,282</td> </tr> <tr> <td>(B) All other design costs</td> <td>\$4,923</td> </tr> <tr> <td>(C) Total</td> <td>\$8,205</td> </tr> <tr> <td>(D) Contract</td> <td>\$5,333</td> </tr> <tr> <td>(E) In-house</td> <td>\$2,872</td> </tr> </table> <p>4. Contract award: 03/2020</p> <p>5. Construction start: 01/2021</p> <p>6. Construction complete: 05/2024</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Approp</th> <th>FY Approp or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>Furniture, Fixtures & Equipment</td> <td>O&MMC</td> <td>Future Request</td> <td>4,150</td> </tr> <tr> <td>Smart Grid Equipment</td> <td>PMC</td> <td>Future Request</td> <td>30</td> </tr> </tbody> </table> <p>C. FY 2020 R&M Conducted (\$000):</p>					(A) Date design or Parametric Cost Estimate started	09/2017	(B) Date 35% Design or Parametric Cost Estimate complete	03/2018	(C) Date design completed	12/2020	(D) Percent completed as of June 2020	60%	(E) Percent completed as of January 2021	100%	(F) Type of design contract	Design Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	Yes	(A) Standard or Definitive Design	Yes	(B) Where design was previously used	J-016, J-030	(A) Production of plans and specifications	\$3,282	(B) All other design costs	\$4,923	(C) Total	\$8,205	(D) Contract	\$5,333	(E) In-house	\$2,872	Equipment Nomenclature	Procuring Approp	FY Approp or Requested	Cost (\$000)	Furniture, Fixtures & Equipment	O&MMC	Future Request	4,150	Smart Grid Equipment	PMC	Future Request	30
(A) Date design or Parametric Cost Estimate started	09/2017																																													
(B) Date 35% Design or Parametric Cost Estimate complete	03/2018																																													
(C) Date design completed	12/2020																																													
(D) Percent completed as of June 2020	60%																																													
(E) Percent completed as of January 2021	100%																																													
(F) Type of design contract	Design Build																																													
(G) Parametric Estimate used to develop cost	Yes																																													
(H) Energy Study/Life Cycle Analysis performed	Yes																																													
(A) Standard or Definitive Design	Yes																																													
(B) Where design was previously used	J-016, J-030																																													
(A) Production of plans and specifications	\$3,282																																													
(B) All other design costs	\$4,923																																													
(C) Total	\$8,205																																													
(D) Contract	\$5,333																																													
(E) In-house	\$2,872																																													
Equipment Nomenclature	Procuring Approp	FY Approp or Requested	Cost (\$000)																																											
Furniture, Fixtures & Equipment	O&MMC	Future Request	4,150																																											
Smart Grid Equipment	PMC	Future Request	30																																											

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																				
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Bachelor Enlisted Quarters H (Inc)																					
5. Program Element 0216496M	6. Category Code 72141	7. Project Number P459B	8. Project Cost (\$000) 43,200																					
<p>E. Future R&M Requirements (\$000): D. FY 2021 R&M Conducted (\$000):</p> <p>CERTIFYING OFFICIAL STATEMENT:</p> <p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Joint Use is recommended.</p> <p>Authorization and Appropriation Summary</p> <table> <thead> <tr> <th></th> <th>Authorization (\$000)</th> <th>Auth of Approp (\$000)</th> <th>Approp (\$000)</th> </tr> </thead> <tbody> <tr> <td>FY 2020 Enacted</td> <td>164,100</td> <td>64,100</td> <td>64,100</td> </tr> <tr> <td>FY 2021 Enacted</td> <td>0</td> <td>23,900</td> <td>23,900</td> </tr> <tr> <td>FY 2022 Request</td> <td>0</td> <td>43,200</td> <td>43,200</td> </tr> <tr> <td>Total</td> <td>164,100</td> <td>131,200</td> <td>131,200</td> </tr> </tbody> </table> <p>Activity POC: NAVFAC HQ MILCON Program Phone No: 808-477-8992 Manager</p>						Authorization (\$000)	Auth of Approp (\$000)	Approp (\$000)	FY 2020 Enacted	164,100	64,100	64,100	FY 2021 Enacted	0	23,900	23,900	FY 2022 Request	0	43,200	43,200	Total	164,100	131,200	131,200
	Authorization (\$000)	Auth of Approp (\$000)	Approp (\$000)																					
FY 2020 Enacted	164,100	64,100	64,100																					
FY 2021 Enacted	0	23,900	23,900																					
FY 2022 Request	0	43,200	43,200																					
Total	164,100	131,200	131,200																					

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Bachelor Enlisted Quarters H (Inc)	
5. Program Element 0216496M	6. Category Code 72141	7. Project Number P459B	8. Project Cost (\$000) 43,200	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755 NAVBASE GUAM JOINT REGION MARIANAS, GUAM			4. Project Title X-Ray Wharf Berth 2	
5. Program Element 0203176N	6. Category Code 15260	7. Project Number P519	8. Project Cost (\$000) 103,800	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
X-RAY WHARF BERTH 2 (26,587SF)	m2	2,470		46,590
PROVISION TRANSFER WHARF- XRAY CC15260 (26,587SF) (RENOVATE)	m2	2,470	16,734.77	(41,330)
BUILT-IN EQUIPMENT	LS			(1,330)
SPECIAL COSTS	LS			(3,480)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(450)
SUPPORTING FACILITIES				43,280
SPECIAL CONSTRUCTION FEATURES	LS			(9,110)
SITE PREPARATIONS	LS			(650)
SPECIAL FOUNDATION FEATURES	LS			(780)
PAVING AND SITE IMPROVEMENTS	LS			(4,010)
ELECTRICAL UTILITIES	LS			(26,460)
MECHANICAL UTILITIES	LS			(1,190)
ENVIRONMENTAL MITIGATION	LS			(500)
MUNITIONS AND EXPLOSIVES OF CONCERN (MEC)	LS			(580)
SUBTOTAL				89,870
CONTINGENCY (5%)				4,490
TOTAL CONTRACT COST				94,360
SIOH (6.2%)				5,850
SUBTOTAL				100,210
DESIGN/BUILD - DESIGN COST				3,590
TOTAL REQUEST ROUNDED				103,800
TOTAL REQUEST				103,800
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,238)
10. Description of Proposed Construction:				
<p>Renovates and modernizes Berth 2 including constructing new sheet pile with king pile bulkhead system, a mooring dolphin, and mooring cleats and bollards. The area behind the new bulkhead and in front of the existing bulkhead will be filled with a cement and soil mix. Project will dredge to the required depth at Berth 2.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755 NAVBASE GUAM JOINT REGION MARIANAS, GUAM			4. Project Title X-Ray Wharf Berth 2	
5. Program Element 0203176N	6. Category Code 15260	7. Project Number P519	8. Project Cost (\$000) 103,800	
<p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria.</p> <p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.</p> <p>Built-in equipment includes a fender system with corner fender and horizontal foam-filled or pneumatic fenders, and fender support hardware.</p> <p>Special costs include Post Construction Contract Award Services (PCAS), Post Construction Design Services (PADS), and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>DoD and DON principles for high performance and sustainable building requirements will be included in the design and construction of this project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Special construction features include a cathodic protection system and coating for the new steel sheet piles.</p> <p>Paving and site improvements include asphalt and concrete pavement, chain link security fencing, Low Impact Development improvements and site demolition.</p> <p>Electrical utilities include a new transformer at the existing substation, a new substation and building, primary and secondary electrical distribution systems, power mounds, an upgrade to the Guam Power Authority's transmission line, telecommunications distribution system and riser assemblies, and site lighting.</p> <p>Mechanical utilities include water lines, sanitary sewer system, storm drainage system, and bilge oily waste treatment system (BOWTS).</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755 NAVBASE GUAM JOINT REGION MARIANAS, GUAM			4. Project Title X-Ray Wharf Berth 2	
5. Program Element 0203176N	6. Category Code 15260	7. Project Number P519	8. Project Cost (\$000) 103,800	
<p>Environmental mitigation includes coral mitigation measures.</p> <p>Unexploded ordnance and Munitions and Explosives of Concern (MEC) clearance is required for this project. Ground intrusion activities or excavation work will adhere to Joint Region Marianas Explosive Safety Submission.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p>				
<p>11. Requirement: <u>2,470 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Renovates and modernizes X-Ray Wharf Berth 2 to accommodate Lewis and Clark (T-AKE) class ships and provide shore utilities including potable water, sewer, bilge and oily wastewater treatment system, electrical power, and telecommunications.</p> <p>(Current Mission)</p> <p>REQUIREMENT:</p> <p>The Apra Harbor Naval Complex provides vital logistics and operational support to ships traveling to and from operational areas in the Pacific Ocean, the Indian Ocean and the Persian Gulf. Guam is a critical re-supply point for naval operations. In line with these capabilities, the complex at Guam provides daily waterfront support services to the Military Sealift Command (MSC) ships.</p> <p>MSC has replaced the Mars/Sirius (T-AFS) class ship with the new and larger T-AKE class ship. The T-AKE ships provide Navy ships with fuel, food, ordnance, spare parts, mail and other supplies.</p> <p>Project is required to complete X-Ray Wharf improvements and provide full capability to support two loaded T-AKE vessels with the proper depth of water, sufficient wharf length, and power and utilities. Military Construction project P518 X-Ray Wharf improvements for Berth 1 was completed in 2017; however, built-in electrical power is still required. This project will construct the power substation and provide electrical power mounds for Berths 1 and 2.</p> <p>CURRENT SITUATION:</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																										
3. Installation(SA)& Location/UIC: N61755 NAVBASE GUAM JOINT REGION MARIANAS, GUAM			4. Project Title X-Ray Wharf Berth 2																											
5. Program Element 0203176N	6. Category Code 15260	7. Project Number P519	8. Project Cost (\$000) 103,800																											
<p>Constructed in 1946, X-Ray Wharf is the only resupply wharf on Naval Base Guam in close proximity to cold storage and other warehouse facilities. X-Ray Wharf cannot support two T-AKE class supply ships due to its shallow depth of water, insufficient length, and structural inadequacy due to deteriorating sheet piles. The power, communications, and Bilge and Oily Wastewater capacities are insufficient to serve the T-AKE ships. The wharf does not have electrical power mounds. The existing wharf lighting system is insufficient to illuminate the wharf.</p> <p>This project is not sited in a 100-year flood plain.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without the improvements to X-Ray Wharf Berth 2, the shortage of adequate ship berthing space for MSC supply ships will continue. T-AKE vessels will continue to berth at Kilo Wharf, the primary ammunition handling pier for the Western Pacific, and at Delta and Echo Wharves, the primary fuel transfer point for Naval Base Guam and Andersen AFB. Use of these alternate wharves for resupply operations limits their use for their primary purposes and requires goods to be trucked from cold storage and warehouse facilities adjacent to X-Ray Wharf, leading to inefficiencies and reduced supply throughputs.</p>																														
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table border="0"> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>04/2022</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>07/2022</td> </tr> <tr> <td>(C) Date design completed</td> <td>04/2023</td> </tr> <tr> <td>(D) Percent completed as of September 2020</td> <td>15%</td> </tr> <tr> <td>(E) Percent completed as of January 2021</td> <td>35%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>N/A</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>No</td> </tr> </table> <p>2. Basis:</p> <table border="0"> <tr> <td>(A) Standard or Definitive Design</td> <td>No</td> </tr> <tr> <td>(B) Where design was previously used</td> <td>P518 X-RAY WHARF PHASE 1</td> </tr> </table> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <table border="0"> <tr> <td>(A) Production of plans and specifications</td> <td>\$1,889</td> </tr> <tr> <td>(B) All other design costs</td> <td>\$2,834</td> </tr> <tr> <td>(C) Total</td> <td>\$4,723</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	04/2022	(B) Date 35% Design or Parametric Cost Estimate complete	07/2022	(C) Date design completed	04/2023	(D) Percent completed as of September 2020	15%	(E) Percent completed as of January 2021	35%	(F) Type of design contract	Design Build	(G) Parametric Estimate used to develop cost	N/A	(H) Energy Study/Life Cycle Analysis performed	No	(A) Standard or Definitive Design	No	(B) Where design was previously used	P518 X-RAY WHARF PHASE 1	(A) Production of plans and specifications	\$1,889	(B) All other design costs	\$2,834	(C) Total	\$4,723
(A) Date design or Parametric Cost Estimate started	04/2022																													
(B) Date 35% Design or Parametric Cost Estimate complete	07/2022																													
(C) Date design completed	04/2023																													
(D) Percent completed as of September 2020	15%																													
(E) Percent completed as of January 2021	35%																													
(F) Type of design contract	Design Build																													
(G) Parametric Estimate used to develop cost	N/A																													
(H) Energy Study/Life Cycle Analysis performed	No																													
(A) Standard or Definitive Design	No																													
(B) Where design was previously used	P518 X-RAY WHARF PHASE 1																													
(A) Production of plans and specifications	\$1,889																													
(B) All other design costs	\$2,834																													
(C) Total	\$4,723																													

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																												
3. Installation(SA)& Location/UIC: N61755 NAVBASE GUAM JOINT REGION MARIANAS, GUAM			4. Project Title X-Ray Wharf Berth 2																													
5. Program Element 0203176N	6. Category Code 15260	7. Project Number P519	8. Project Cost (\$000) 103,800																													
(D) Contract \$3,070 (E) In-house \$1,653 4. Contract award: 04/2022 5. Construction start: 05/2022 6. Construction complete: 12/2023 B. Equipment associated with this project which will be provided from other appropriations:																																
<table border="0"> <thead> <tr> <th><u>Equipment</u></th> <th><u>Procuring</u></th> <th><u>FY Approp</u></th> <th></th> </tr> <tr> <th><u>Nomenclature</u></th> <th><u>Approp</u></th> <th><u>or Requested</u></th> <th><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Brow & Brow Platform</td> <td>OMN</td> <td>Future Request</td> <td>337</td> </tr> <tr> <td>Dry Chemical & Portable Fire Extinguishers</td> <td>OMN</td> <td>Future Request</td> <td>17</td> </tr> <tr> <td>Physical Security Install</td> <td>OMN</td> <td>Future Request</td> <td>221</td> </tr> <tr> <td>Shore Power Cables</td> <td>OMN</td> <td>Future Request</td> <td>552</td> </tr> <tr> <td>Water & Sewer Hoses</td> <td>OMN</td> <td>Future Request</td> <td>110</td> </tr> </tbody> </table>					<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	Brow & Brow Platform	OMN	Future Request	337	Dry Chemical & Portable Fire Extinguishers	OMN	Future Request	17	Physical Security Install	OMN	Future Request	221	Shore Power Cables	OMN	Future Request	552	Water & Sewer Hoses	OMN	Future Request	110
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>																														
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>																													
Brow & Brow Platform	OMN	Future Request	337																													
Dry Chemical & Portable Fire Extinguishers	OMN	Future Request	17																													
Physical Security Install	OMN	Future Request	221																													
Shore Power Cables	OMN	Future Request	552																													
Water & Sewer Hoses	OMN	Future Request	110																													
CERTIFYING OFFICIAL STATEMENT: The Regional Commander certifies that this project has been considered for joint use potential. Joint Use is recommended.																																
Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 Manager																																

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755 NAVBASE GUAM JOINT REGION MARIANAS, GUAM			4. Project Title X-Ray Wharf Berth 2	
5. Program Element 0203176N	6. Category Code 15260	7. Project Number P519	8. Project Cost (\$000) 103,800	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Joint Communication Upgrade (INC)	
5. Program Element 0301376N	6. Category Code 13115	7. Project Number P649A	8. Project Cost (\$000) 84,000	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
JOINT COMMUNICATION UPGRADE (INC) (93,551SF)	m2	8,691.14		97,750
MAINTENANCE AND OPERATIONAL STORAGE (NORTH) CC21730 (7,212SF)	m2	670	7,507.3	(5,030)
MAINTENANCE AND OPERATIONAL STORAGE (SOUTH) CC21730 (7,212SF)	m2	670	7,103.9	(4,760)
COMMUNICATIONS CENTER CC13115 (79,127SF)	m2	7,351.14	6,226	(45,770)
SCIF CONSTRUCTION (PREMIUM)	LS			(1,650)
CYBERSECURITY FEATURES	LS			(500)
ANTI-TERRORISM/FORCE PROTECTION	LS			(2,470)
BUILT-IN EQUIPMENT	LS			(22,840)
SPECIAL COSTS	LS			(12,340)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(660)
SUSTAINABILITY AND ENERGY FEATURES	LS			(1,730)
SUPPORTING FACILITIES				51,120
SITE PREPARATIONS	LS			(4,970)
SPECIAL FOUNDATION FEATURES	LS			(1,080)
PAVING AND SITE IMPROVEMENTS	LS			(8,560)
ELECTRICAL UTILITIES	LS			(16,150)
MECHANICAL UTILITIES	LS			(2,550)
ENVIRONMENTAL MITIGATION	LS			(14,180)
DEMOLITION	LS			(3,630)
SUBTOTAL				148,870
CONTINGENCY (5%)				7,440
TOTAL CONTRACT COST				156,310
SIOH (6.2%)				9,690
SUBTOTAL				166,000
TOTAL REQUEST ROUNDED				166,000
TOTAL REQUEST				166,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(45,077)

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Joint Communication Upgrade (INC)	
5. Program Element 0301376N	6. Category Code 13115	7. Project Number P649A	8. Project Cost (\$000) 84,000	
10. Description of Proposed Construction: <p>Constructs a multi-story communications center facility with concrete slab-on-grade, cast-in-place reinforced concrete walls, and slab-on-grade floors supporting standing seam metal roofing to support Naval Computer and Telecommunications Station (NCTS) Guam operations. Building roof will be constructed to accommodate radio frequency antennas and an antenna distribution system. The facility provides a secure, state-of-the-art communications center and administrative spaces, including Secret Internet Protocol Router Network and Joint Worldwide Intelligence Communications System (JWICS) infrastructure.</p> <p>Constructs two single-story warehouse facility with concrete slab-on-grade, reinforced concrete walls, and slab-on-grade floors supporting standing seam metal roofing for storage located north and south of the communications center site.</p> <p>Special Costs include Secured Compartmented Information Facility (SCIF) construction and SCIF monitoring; including surveillance by Construction Security Technicians and Cleared American Guards during secure space finish work in accordance with Intelligence Community guidance. Construction monitoring is required to observe the construction to ensure that are no abnormalities that could affect and compromise the security of the SCIF.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense criteria.</p> <p>This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with AT/FP regulations, and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings.</p> <p>Built-In Equipment includes gaseous fire suppression, DC power system, freight and passenger elevators, generator load bank, power distribution units, aspirating smoke detection, portable generator connection, raised access flooring, diesel generator, and uninterrupted power system.</p> <p>Special Costs include Post Construction Contract Award Services (PCAS), Guam gross receipts tax, and cybersecurity commissioning. Special Costs include cybersecurity commissioning to cover the contractor's submittals, administrative actions, and compliance with Navy's cybersecurity requirements as well as Navy in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Joint Communication Upgrade (INC)	
5. Program Element 0301376N	6. Category Code 13115	7. Project Number P649A	8. Project Cost (\$000) 84,000	
<p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>Department of Defense and Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of this project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Site preparations include excavation, cut and fill, structural fill, erosion control, a retention basin, the relocation of existing features, clear and grub, and Explosive Safety Submission requirements and procedures.</p> <p>Special foundation features include drill and grout foundations for each building.</p> <p>Paving and site Improvements include asphalt pavement, parking lots, sidewalks, landscaping, a typhoon protection wall to protect electrical equipment, and security fence.</p> <p>Electrical utilities include electrical distribution, substation transformer, 4-way switches, a concrete-encased duct bank, a fiber communication cable infrastructure from Andersen South to Naval Base Guam to complete the Synchronous Optical Network (SONET) Ring in support of critical communication paths.</p> <p>Mechanical utilities include water distribution, sanitary sewer, storm drainage system, fire protection water storage tanks, and 12,000-gallon fuel storage tanks.</p> <p>Environmental mitigation includes cultural, environmental mitigation and explosive safety submissions survey and remediation.</p> <p>Demolition includes Building #111 (12,238 SF), Building #112 (18,880 SF), Building #122 (18,417 SF), Building #197 (24,079 SF), and Building #492 (8,106 SF)</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Joint Communication Upgrade (INC)	
5. Program Element 0301376N	6. Category Code 13115	7. Project Number P649A	8. Project Cost (\$000) 84,000	
efficiency.				
<p>11. Requirement: <u>8,691 m2</u> Adequate: Substandard:</p> <p>PROJECT:</p> <p>Constructs a consolidated communications center facility, two warehouses, and 23 miles of fiber communications cable. The existing C4I operations facility (Building #112) and administrative facilities (Buildings #111 and #492) will be consolidated into a new facilities to achieve compliance. The fiber communications cable will complete the SONET Ring on Guam.</p> <p>(Current Mission)</p> <p>REQUIREMENT:</p> <p>The Department of Defense designated NCTS Guam as the primary information processing node for all military departments on Guam. NCTS must provide a secure and reliable communication services. Strategic goals in the Western Pacific will increase the military footprint on Guam. A resilient and assured C4I infrastructure is required to support the additional forces on Guam.</p> <p>NCTS Guam also requires an adequate and efficiently configured facility to house various operational and administration functions. NCTS is the regional fixed voice and Layer 1 communications infrastructure service provider, as well as the fleet and joint Satellite Communications and High Frequency communications provider. To support this requirement, a facility capable of efficiently providing workspace for 53 personnel relocating from Building #492 and Building #111 and providing workspace and watchstander work stations for 114 personnel relocating from Building #112.</p> <p>CURRENT SITUATION:</p> <p>Current facilities are not sufficient enough to meet the future mission requirement. These facilities do not provide adequate, secure, and isolated facility spaces to synchronize command and control and execute the expanding critical Joint military and government operations and missions. Existing configuration and state of these facilities results in capability and functionality shortfalls that adversely impact NCTS's ability to deliver secure and reliable communications.</p> <p>Building #112 has passed reasonable life expectancy for a C4I facility and is unable to support current and future Joint mandated C4I missions and capabilities. Building #112 was built in 1953. Due to frequent advances in transmission equipment and computer technology, various adjustments and make do accommodations have been implemented at the facility over the</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Joint Communication Upgrade (INC)	
5. Program Element 0301376N	6. Category Code 13115	7. Project Number P649A	8. Project Cost (\$000) 84,000	
<p>years. These changes were generally costly and time consuming. In addition, portions of the building floods at every heavy rainfall, causing hazards to installed equipment and station personnel. Significant and costly upgrades, modernizations, and renovations to the obsolete, 1950's design for operating spaces will continue to be required.</p> <p>Building #111 was constructed in 1955 to support the administrative staff of the Naval Communications Area Master Station Western Pacific following World War Two. Building #492 was constructed in 1986 as a religious education facility which was identified for demolition in the early 2000s, but was taken off of the demolition list in 2004 and repurposed as a NCTS admin facility. Within both Buildings #111 and #492, the lack of adequate space, poor temperature and humidity control, and inadequate ventilation and air-conditioning systems significantly impact the required controlled environment. In the harsh, damp tropical climate and geology of Guam, potential safety hazards exist; specifically, with mold and radon. Over the past three years, over 120 facility trouble calls have been submitted, with the majority of issues relating to HVAC, electrical, plumbing, and roof/wall leaks. The facilities are non-compliant with the Americans with Disabilities Act.</p> <p>The existing Guam fiber optic network lacks the required physical and space diversity to support C4I mission critical capabilities. Numerous instances of "double backs" exist where the networking cabling travels to a network node and returns on the same physical path. This situation present numerous single points of failure which could result in potentially long term catastrophic network outages severely impacting mission execution.</p> <p>Existing maintenance and storage facilities do not support current and future mission requirements. Non-availability of near proximity maintenance and storage facilities adversely impacts speed to delivery on repairs and maintenance actions.</p> <p>Project is not sited in a 100-year flood plain.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The current situation will continue, new state-of-the-art communication equipment will require the Building #112 layout to be modified at significant expense, Joint C4I infrastructure modernization and consolidation directives will not be met; both resulting in continued higher costs and inefficient work force distribution of NCTS Guam station personnel. Continued use of existing facilities which are obsolete,</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Joint Communication Upgrade (INC)	
5. Program Element 0301376N	6. Category Code 13115	7. Project Number P649A	8. Project Cost (\$000) 84,000	
<p>inefficient, involve substantial building maintenance and repair.</p> <p>Non-completion of true SONET ring network cable backbone paths will continue to limit availability and survivability of critical C4I communications paths for the Joint DoD and Federal Agencies. The existing partial ring network deploys unreliable commercial aerial paths that are susceptible to weather related casualties. Damage to any one of these existing paths, whether human induced due to the high level of current construction activity associated with Guam military buildup, malicious damage, or natural disaster would result in a potential long term loss of data and voice communications capability to operational users based throughout the island.</p> <p>Construction of maintenance and storage facilities is essential in order to position spare parts and maintenance capabilities near mission critical operational areas. Prone to frequent tropical storm/typhoon and seismic activity, Guam has experienced prolonged partial road closures increasing response time and delaying critical repairs to communications infrastructure.</p>				
12. Supplemental Data:				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2018
(B) Date 35% Design or Parametric Cost Estimate complete				09/2019
(C) Date design completed				09/2020
(D) Percent completed as of September 2019				0%
(E) Percent completed as of January 2021				100%
(F) Type of design contract				Design Bid
(G) Parametric Estimate used to develop cost				Build Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$10,134
(B) All other design costs				\$7,246
(C) Total				\$17,380
(D) Contract				\$14,188
(E) In-house				\$3,192
4. Contract award:				07/2021
5. Construction start:				08/2021
6. Construction complete:				06/2024

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																				
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Joint Communication Upgrade (INC)																					
5. Program Element 0301376N	6. Category Code 13115	7. Project Number P649A	8. Project Cost (\$000) 84,000																					
<p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1"> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Approp</th> <th>FY Approp or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>Existing equipment relocation/new C4ISR systems</td> <td>OPN</td> <td>Future Request</td> <td>43,114</td> </tr> <tr> <td>FF&E</td> <td>OMN</td> <td>Future Request</td> <td>1,463</td> </tr> <tr> <td>Physical Security Equipment</td> <td>OMN</td> <td>Future Request</td> <td>500</td> </tr> </tbody> </table>					Equipment Nomenclature	Procuring Approp	FY Approp or Requested	Cost (\$000)	Existing equipment relocation/new C4ISR systems	OPN	Future Request	43,114	FF&E	OMN	Future Request	1,463	Physical Security Equipment	OMN	Future Request	500				
Equipment Nomenclature	Procuring Approp	FY Approp or Requested	Cost (\$000)																					
Existing equipment relocation/new C4ISR systems	OPN	Future Request	43,114																					
FF&E	OMN	Future Request	1,463																					
Physical Security Equipment	OMN	Future Request	500																					
<p>CERTIFYING OFFICIAL STATEMENT:</p> <p>The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p> <p>Authorization and Appropriation Summary</p> <table border="1"> <thead> <tr> <th></th> <th>Authorization (\$000)</th> <th>Auth of Approp (\$000)</th> <th>Approp (\$000)</th> </tr> </thead> <tbody> <tr> <td>FY 2021 Enacted</td> <td>166,000</td> <td>22,000</td> <td>22,000</td> </tr> <tr> <td>FY 2022 Request</td> <td>0</td> <td>84,000</td> <td>84,000</td> </tr> <tr> <td>Future Request</td> <td>0</td> <td>60,000</td> <td>60,000</td> </tr> <tr> <td>Total</td> <td>166,000</td> <td>166,000</td> <td>166,000</td> </tr> </tbody> </table>						Authorization (\$000)	Auth of Approp (\$000)	Approp (\$000)	FY 2021 Enacted	166,000	22,000	22,000	FY 2022 Request	0	84,000	84,000	Future Request	0	60,000	60,000	Total	166,000	166,000	166,000
	Authorization (\$000)	Auth of Approp (\$000)	Approp (\$000)																					
FY 2021 Enacted	166,000	22,000	22,000																					
FY 2022 Request	0	84,000	84,000																					
Future Request	0	60,000	60,000																					
Total	166,000	166,000	166,000																					
<p>Activity POC: NAVFAC HQ MILCON Program Phone No: 202 685-9401 Manager</p>																								

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61755(FN) NAVBASE GUAM (FINEGAYAN) JOINT REGION MARIANAS, GUAM			4. Project Title Joint Communication Upgrade (INC)	
5. Program Element 0301376N	6. Category Code 13115	7. Project Number P649A	8. Project Cost (\$000) 84,000	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM							2. Date MAY 2021		
3. Installation and Location: N41557 US NAVSUPACT ANDERSEN GUAM JOINT REGION MARIANAS, GUAM					4. Command Commander Navy Installations Command			5. Area Const Cost Index 2.71		
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	259	2324	122	0	0	0	0	0	0	2705
	273	2420	122	0	0	0	0	0	0	2815
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(17301 Acres)										
B. INVENTORY AS OF 30 SEP 2020 11,621,710										
C. AUTHORIZATION NOT YET IN INVENTORY 377,795										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM 50,890										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>			
61071	Aviation Admin Building	01/2020		03/2021		0 LS	50,890			
						TOTAL	50,890			
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										
10. Mission or Major Functions:										
As the host unit at Andersen Air Force Base (Joint Region Marianas), Guam, the 36th Wing has an expansive mission that relies on the Team Andersen concept to provide the highest quality peacetime and wartime support to project global power and reach from our vital location in the Pacific. Andersen is home to the 36th Wing, Air Mobility Command's 734th Air Mobility Support Squadron, Naval unit Helicopter Sea Combat Squadron Twenty Five (HSC-25) and several other tenant organizations. Andersen Air Force Base will also support elements of III Marine Expeditionary Force (1st Marine Aircraft Wing units).										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM	2. Date MAY 2021
3. Installation and Location: N41557 US NAVSUPACT ANDERSEN GUAM JOINT REGION MARIANAS, GUAM	4. Command Commander Navy Installations Command	5. Area Const Cost Index 2.71

Blank Page

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N41557 US NAVSUPACT ANDERSEN GUAM JOINT REGION MARIANAS, GUAM			4. Project Title Aviation Admin Building	
5. Program Element 0216496M	6. Category Code 61071	7. Project Number P280	8. Project Cost (\$000) 50,890	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
AVIATION ADMIN BUILDING	LS			31,930
AVIATION ADMIN BUILDING CC61071 (26,716SF)	m2	2,482	10,338.76	(25,660)
ADD/ALT FIRE STATION BAY CC14120 (1,485SF)	m2	138	11,416.43	(1,580)
CYBERSECURITY FEATURES	EA	1	350,000	(350)
CERT. FINAL MATCH	LS			(100)
BUILT-IN EQUIPMENT	LS			(710)
SPECIAL COSTS	LS			(3,250)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(280)
SUPPORTING FACILITIES				13,710
SITE PREPARATIONS	LS			(1,980)
PAVING AND SITE IMPROVEMENTS	LS			(4,640)
ELECTRICAL UTILITIES	LS			(3,680)
MECHANICAL UTILITIES	LS			(1,880)
ENVIRONMENTAL MITIGATION	LS			(640)
DEMOLITION	LS			(170)
MUNITIONS AND EXPLOSIVES OF CONCERN	LS			(720)
SUBTOTAL				45,640
CONTINGENCY (5%)				2,280
TOTAL CONTRACT COST				47,920
SIOH (6.2%)				2,970
SUBTOTAL				50,890
TOTAL REQUEST ROUNDED				50,890
TOTAL REQUEST				50,890
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(6,350)
10. Description of Proposed Construction:				
Constructs a low-rise structural cast-in-place concrete framed Aviation Administration Building with interior cast-in-place concrete columns and perimeter cast-in-place concrete walls and reinforced concrete foundations. The second floor is framed with cast-in-place concrete beams and girders				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N41557 US NAVSUPACT ANDERSEN GUAM JOINT REGION MARIANAS, GUAM			4. Project Title Aviation Admin Building	
5. Program Element 0216496M	6. Category Code 61071	7. Project Number P280	8. Project Cost (\$000) 50,890	
<p>spanning between the perimeter wall and interior columns. The roof framing systems should consist of cast-in-place concrete slab supported by concrete beams and girders and cast-in-place concrete walls. The Aviation Admin Building will provide command and administrative areas for Marine Aircraft Group Headquarters (MAG HQ), Marine Air Control Group Detachment (MACG Det), Air Operations (Air Ops) personnel, passenger terminal waiting area, passenger baggage and cargo handling area, security, processing, and sterile holding for deployed crews. In addition, building will have support functions such as conferencing, secure areas, lockers, passenger elevator, and other required building support. Building systems include plumbing, wet-pipe sprinkler system, fire alarm with mass notification system, public address system, and ventilation and air conditioning. The project includes information systems installation, Marine Corps Enterprise Network, Non-Secure/Secure capability, and intrusion detection systems (IDS). Construction includes building entrance canopies. Areas affected by construction will be in compliance with applicable antiterrorism, fire suppression, seismic, accessibility, The American Society of Heating, Refrigerating and Air-Conditioning Engineers, LEEDs, and floodplain codes and standards (as required) upon completion of the project.</p> <p>Constructs an additional apparatus bay to the existing North Ramp fire station, Building 2659 to house an additional fire truck. The apparatus bay expansion is a low-rise reinforced concrete foundations. The roof framing systems is a cast-in-place concrete slab supported by concrete beams spanning between cast-in-place concrete walls.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense criteria.</p> <p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.</p> <p>Built-in equipment includes an emergency generator, passenger elevator, and radon mitigation.</p> <p>Special costs include Post Construction Contract Award Services (PCAS), Guam Gross Receipts Tax, Geospatial Surveying and Mapping, and Cybersecurity Commissioning. The cybersecurity commissioning cost is to cover the contractor's submittals, administrative actions and compliance with Navy's cybersecurity requirements as well as Navy in-house costs to</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N41557 US NAVSUPACT ANDERSEN GUAM JOINT REGION MARIANAS, GUAM			4. Project Title Aviation Admin Building	
5. Program Element 0216496M	6. Category Code 61071	7. Project Number P280	8. Project Cost (\$000) 50,890	
<p>review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>Department of Defense and the Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and executive orders. Low Impact Development will be included in the design and construction of the project as appropriate.</p> <p>Site preparations include temporary erosion control for the project site, cut and fill, probing and grouting for foundations, and clearing and grubbing.</p> <p>Paving and site improvements include Portland cement concrete and asphalt pavement, patching of roadways, curb and gutter, sidewalks and ramps, landscaping, 333 linear meters (1,092 feet) of 2.1 meter (7 feet) high airfield fencing with three strands of barbed wire on double yoke outriggers, site demolition, and trash enclosure. Privately owned vehicle and Government owned vehicle parking facilities will be provided.</p> <p>Electrical utilities include the relocation of existing electrical, primary and secondary distribution systems, manholes, transformer, area lighting, a generator building, communications distribution for the project, and relocation of existing communication utilities.</p> <p>Mechanical utilities include water distribution system, sanitary sewer lines, storm drainage lines, and wash rack and mechanical piping.</p> <p>Environmental mitigation includes natural and cultural resource mitigation, to include direct and programmatic mitigations required by the Record of Decision, Biological Opinion (BO) and Programmatic Agreement (PA) and unexploded ordnance (UXO) and munitions and explosives of concern (MEC).</p> <p>Demolition includes utility Buildings 2619 (721 square feet) and the existing wash rack (592 square feet) to clear the site for this project.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in Department of Defense (DoD) Unified Facility Criteria (UFC). Facilities will incorporate features that provide the lowest practical life</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N41557 US NAVSUPACT ANDERSEN GUAM JOINT REGION MARIANAS, GUAM			4. Project Title Aviation Admin Building	
5. Program Element 0216496M	6. Category Code 61071	7. Project Number P280	8. Project Cost (\$000) 50,890	
cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.				
11. Requirement: <u>2,620 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u> PROJECT: Constructs a new aviation admin building, with command operations, air ops, passenger air terminal and deployment functions in a low-rise structure and an extra bay in the existing north ramp fire station. This project demolishes building 2619 and replaces the existing wash rack. (Current Mission) REQUIREMENT: <p>The 2009 Guam International Agreement was amended in October 2013 between the United States Government and the Government of Japan. The agreement outlines the realignment of Marine Corps forces to reduce the United States military footprint on Okinawa, including the relocation of forces from Japan to Guam. This relocation will require space for the 1st Marine Aircraft Wing Air-Ground Task Force (MAGTF).</p> <p>The project will construct an Airfield Admin Building on Andersen Air Force Base (AAFB) to provide command and administrative space that will support an assigned 1st Marine Aircraft Wing (1st MAW) aviation combat element, transient deployed aviation units and other Marine Air-Ground Task Force (MAGTF) elements assigned to Guam. The facility will be capable of supporting multiple functions to include Airfield Operations, a MAG HQ, a MACG Det and an Arrival/Departure Airfield Control Group (A/DACG).</p> <p>Adequate and efficiently configured facilities are required to consolidate airfield operations and USMC passengers in a centralized location. Currently AAFB and Naval Support Activity (NSA) Marine Corps Base (MCB) Guam does not have a facility to support readiness of Guam-based MAGTF aviation and other USMC forces operation in the US Indo-Pacific Command area of responsibility.</p> CURRENT SITUATION: USMC aviation personnel are currently located in Okinawa, Japan but are required to transition some of their missions to Guam. Currently, there is no Aviation Admin Building available to support the USMC forces at Andersen Air Force Base. The existing aviation building is located on the South Ramp and does not have the capacity to serve USMC. Additionally, USMC operations are primarily located on the North Ramp and their air operations should be collocated.				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N41557 US NAVSUPACT ANDERSEN GUAM JOINT REGION MARIANAS, GUAM			4. Project Title Aviation Admin Building	
5. Program Element 0216496M	6. Category Code 61071	7. Project Number P280	8. Project Cost (\$000) 50,890	
<p>Due to the current lack of existing suitable and adequately sized rest areas, it is not uncommon for military and civilian passengers to have to wait outside of the terminal in the rain and in hot weather, because the cafeteria, lounges, waiting areas, and customs are overcrowded by the arrival of just one aircraft. This condition is greatly compounded by the arrival of multiple flights. The critical shortage and inadequate spaces for lobby, passenger check-in, arrival area, departure lounge, VIP accommodations, sterile passenger area, baggage and cart storage, vending machines, restrooms, immigration, agricultural inspection, dependent lounges, and customs areas are areas of particular concern and sensitivity for the USMC and the United States Navy, especially when dignitaries transit through AAFB.</p> <p>This project is not sited in a 100-year floodplain.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>This project is critical in providing the necessary facilities and infrastructure to support USMC aircraft and personnel on AAFB and MCB Guam.</p> <p>Airfield operations will remain scattered among multiple, inadequately sized and configured facilities that will continue to create operational constraints and inefficient airfield passenger operations. Operations will continue to be performed in buildings that do not conform to current AT/FP standards, and are in violation of Airfield Safety Clearance Criteria. Marines, Sailors and civilians will be at risk due to the lack of proper facilities to house individuals as they transit through the current hangar and over active aircraft parking ramps. Additionally, the lack of adequate terminal space adversely impacts military readiness and the ability to deploy in a timely and efficient manner. Personnel will continue to work in inadequate spaces and the quality of life of the people working in the existing building will continue to be affected, further impacting the efficiency of their operations and making it difficult to acquire and retain qualified personnel.</p>				
12. Supplemental Data:				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																								
3. Installation(SA)& Location/UIC: N41557 US NAVSUPACT ANDERSEN GUAM JOINT REGION MARIANAS, GUAM			4. Project Title Aviation Admin Building																									
5. Program Element 0216496M	6. Category Code 61071	7. Project Number P280	8. Project Cost (\$000) 50,890																									
<p>A. Estimated Design Data:</p> <p>1. Status:</p> <p>(A) Date design or Parametric Cost Estimate started 01/2020</p> <p>(B) Date 35% Design or Parametric Cost Estimate complete 03/2020</p> <p>(C) Date design completed 03/2021</p> <p>(D) Percent completed as of September 2020 50%</p> <p>(E) Percent completed as of January 2021 90%</p> <p>(F) Type of design contract Design Bid Build</p> <p>(G) Parametric Estimate used to develop cost Yes</p> <p>(H) Energy Study/Life Cycle Analysis performed Yes</p> <p>2. Basis:</p> <p>(A) Standard or Definitive Design No</p> <p>(B) Where design was previously used N/A</p> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <p>(A) Production of plans and specifications \$3,005</p> <p>(B) All other design costs \$1,502</p> <p>(C) Total \$4,507</p> <p>(D) Contract \$3,631</p> <p>(E) In-house \$876</p> <p>4. Contract award: 10/2021</p> <p>5. Construction start: 11/2021</p> <p>6. Construction complete: 01/2024</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: left;"><u>Procuring</u></th> <th style="text-align: left;"><u>FY Approp</u></th> <th style="text-align: left;"><u>Cost (\$000)</u></th> </tr> <tr> <th style="text-align: left;"><u>Nomenclature</u></th> <th style="text-align: left;"><u>Approp</u></th> <th style="text-align: left;"><u>or Requested</u></th> <th></th> </tr> </thead> <tbody> <tr> <td>C4I PLANNING AND DESIGN</td> <td>O&MMC</td> <td>2020</td> <td>2,055</td> </tr> <tr> <td>C4I PROCUREMENT AND INSTALL</td> <td>PMC</td> <td>Future Request</td> <td>3,169</td> </tr> <tr> <td>COLLATERAL EQUIPMENT (FF&E)</td> <td>O&MMC</td> <td>Future Request</td> <td>1,069</td> </tr> <tr> <td>GME - 10K FORKLIFT</td> <td>PMC</td> <td>Future Request</td> <td>57</td> </tr> </tbody> </table> <p>CERTIFYING OFFICIAL STATEMENT:</p> <p>Assistant Deputy Commandant Installations and Logistics (Facilities) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p> <p>Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 Manager</p>					<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>	<u>Cost (\$000)</u>	<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>		C4I PLANNING AND DESIGN	O&MMC	2020	2,055	C4I PROCUREMENT AND INSTALL	PMC	Future Request	3,169	COLLATERAL EQUIPMENT (FF&E)	O&MMC	Future Request	1,069	GME - 10K FORKLIFT	PMC	Future Request	57
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>	<u>Cost (\$000)</u>																									
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>																										
C4I PLANNING AND DESIGN	O&MMC	2020	2,055																									
C4I PROCUREMENT AND INSTALL	PMC	Future Request	3,169																									
COLLATERAL EQUIPMENT (FF&E)	O&MMC	Future Request	1,069																									
GME - 10K FORKLIFT	PMC	Future Request	57																									

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM							2. Date MAY 2021		
3. Installation and Location: N61054 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN					4. Command Commander Navy Installations Command			5. Area Const Cost Index 2.05		
6. Personnel Strength: A. As Of 09-30-20 B. End FY 2025	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	1158	8411	6681	0	0	0	131	850	0	17231
	1167	8586	6683	0	0	0	119	331	0	16886
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE ..(3059 Acres)										
B. INVENTORY AS OF 30 SEP 2020 16,457,066										
C. AUTHORIZATION NOT YET IN INVENTORY 113,846										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM 49,900										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. Projects Requested In This Program										
<u>Cat</u>						<u>Design Status</u>		<u>Cost</u>		
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>			
15120	Pier 5 (Berths 2 and 3) (INC)	09/2016	08/2019			0 LS	15,292			
17135	Ship Handling & Combat	02/2020	06/2021			3063 m2	49,900			
	Training Facilities									
TOTAL								65,192		
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										
10. Mission or Major Functions:										
Maintains and operates base facilities for the logistic, recreational, administrative support and service of the U.S. Naval Forces Japan, U.S. SEVENTH Fleet and other operating forces forward-deployed in the Western Pacific.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM		2. Date MAY 2021
3. Installation and Location: N61054 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN	4. Command Commander Navy Installations Command	5. Area Const Cost Index 2.05	

Blank Page

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61054 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN			4. Project Title Pier 5 (Berths 2 and 3) (INC)	
5. Program Element 0702776N	6. Category Code 15120	7. Project Number P030B	8. Project Cost (\$000) 15,292	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
PIER 5 (BERTHS 2 AND 3) (INC)	LS			144,660
FIXED SINGLE DECK PIER CC15120 (77,629SF)	m2	7,212	15,277.79	(110,180)
DREDGING CC15120 (27,719CY)	m3	21,193	1,387.75	(29,410)
CYBERSECURITY FEATURES	LS			(250)
BUILT-IN EQUIPMENT	LS			(100)
SPECIAL COSTS	LS			(3,600)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(1,120)
SUPPORTING FACILITIES				12,000
SPECIAL CONSTRUCTION FEATURES	LS			(120)
SITE PREPARATIONS	LS			(280)
SPECIAL FOUNDATION FEATURES	LS			(8,290)
PAVING AND SITE IMPROVEMENTS	LS			(420)
ANTI-TERRORISM/FORCE PROTECTION	LS			(350)
ELECTRICAL UTILITIES	LS			(1,560)
MECHANICAL UTILITIES	LS			(440)
DEMOLITION	LS			(540)
SUBTOTAL				156,660
CONTINGENCY (5%)				7,830
TOTAL CONTRACT COST				164,490
SIOH (6.2%)				10,200
SUBTOTAL				174,690
TOTAL REQUEST ROUNDED				174,690
TOTAL REQUEST				174,692
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(2,630)
10. Description of Proposed Construction: Constructs a concrete fixed single deck pier to replace the existing floating pier. The pier includes concrete deck and utility trench, pile foundations, fender system, mooring hardware, deck ramp and utility support crossing, mechanical utility piping, electrical distribution system, lighting, transformer substations, power mounds, communication distribution				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61054 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN			4. Project Title Pier 5 (Berths 2 and 3) (INC)	
5. Program Element 0702776N	6. Category Code 15120	7. Project Number P030B	8. Project Cost (\$000) 15,292	
<p>system and communications risers.</p> <p>This project will provide dredging to allow berthing of the design vessels.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria.</p> <p>This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings.</p> <p>Special costs include Post Construction Award Service (PCAS) and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the contractor's submittals, administrative actions, and compliance with Department of the Navy's (DON) cybersecurity requirements as well as DON in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>DoD and DON principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development (LID) will be included in the design and construction of this project as appropriate.</p> <p>Special foundation features include access ramp support structure with pilings and deep soil grout mixing to stabilize the existing seawall.</p> <p>Electrical utilities work includes the primary electrical distribution system, exterior lighting, and telecommunication distribution system.</p> <p>The project demolishes existing Pier 5 (Facility #813, 2,975.78 M2) to provide space for the new construction.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021														
3. Installation(SA)& Location/UIC: N61054 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN			4. Project Title Pier 5 (Berths 2 and 3) (INC)															
5. Program Element 0702776N	6. Category Code 15120	7. Project Number P030B	8. Project Cost (\$000) 15,292															
<p>11. Requirement: Adequate: Substandard:</p> <p>PROJECT:</p> <p>Constructs a fixed single deck pier to replace the existing floating pier. (Current Mission)</p> <p>REQUIREMENT:</p> <p>A pier is required to support cruiser-destroyer (CRUDES) type ships berthed on either side, to include nesting one ship outboard of the ship tied to Berth 3 for a total of three CRUDES ships berthed at the pier receiving hotel services via utility systems. The pier is required to provide 480V electrical service at each berth and 4160V electrical service at Berth 3 to accommodate current and future ship classes.</p> <p>CURRENT SITUATION:</p> <p>Pier 5 is a floating steel pier constructed in 1940. The service life of the pier has been exceeded. The moorings have moved causing the pier to rotate and list. Structural deterioration inside the floating steel structure prevents ship repair activity at these berths, prohibits crane operations, and limits vehicle loading on the pier to under 5 tons.</p> <p>This project is not sited in a 100-year floodplain.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Failure to replace the existing floating steel pier will result in decreased ship maintenance capability for assigned ships. Frequent berth shifting of CRUDES vessels will continue to be required to enable crane support to ships. Berths 2 and 3 will not be capable for use as a storm mooring location. The pier has exceeded its useful service life and continued deterioration will result in further restrictions on operations.</p>																		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>09/2016</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>11/2017</td> </tr> <tr> <td>(C) Date design completed</td> <td>08/2019</td> </tr> <tr> <td>(D) Percent completed as of September 2018</td> <td>30%</td> </tr> <tr> <td>(E) Percent completed as of January 2020</td> <td>100%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Bid Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	09/2016	(B) Date 35% Design or Parametric Cost Estimate complete	11/2017	(C) Date design completed	08/2019	(D) Percent completed as of September 2018	30%	(E) Percent completed as of January 2020	100%	(F) Type of design contract	Design Bid Build	(G) Parametric Estimate used to develop cost	Yes
(A) Date design or Parametric Cost Estimate started	09/2016																	
(B) Date 35% Design or Parametric Cost Estimate complete	11/2017																	
(C) Date design completed	08/2019																	
(D) Percent completed as of September 2018	30%																	
(E) Percent completed as of January 2020	100%																	
(F) Type of design contract	Design Bid Build																	
(G) Parametric Estimate used to develop cost	Yes																	

DD Form 1391C Submitted to Congress Page No. 192
1 Dec 76
May 2021

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61054 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN			4. Project Title Ship Handling & Combat Training Facilities	
5. Program Element 0805976N	6. Category Code 17135	7. Project Number P039	8. Project Cost (\$000) 49,900	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
SHIP HANDLING & COMBAT TRAINING FACILITIES (32,970SF)	m2	3,063		41,540
TRAINER FACILITY CC17135 (32,970SF)	m2	3,063	12,549.38	(38,440)
BUILDING 1997 - MODIFICATION	LS			(150)
ANTI-TERRORISM/FORCE PROTECTION	LS			(990)
BUILT-IN EQUIPMENT	LS			(140)
SPECIAL COSTS	LS			(700)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(610)
SUSTAINABILITY AND ENERGY FEATURES	LS			(510)
SUPPORTING FACILITIES				4,080
SPECIAL CONSTRUCTION FEATURES	LS			(30)
SITE PREPARATIONS	LS			(520)
SPECIAL FOUNDATION FEATURES	LS			(510)
PAVING AND SITE IMPROVEMENTS	LS			(630)
ANTI-TERRORISM/FORCE PROTECTION	LS			(10)
ELECTRICAL UTILITIES	LS			(2,280)
MECHANICAL UTILITIES	LS			(100)
SUBTOTAL				45,620
CONTINGENCY (5%)				2,280
TOTAL CONTRACT COST				47,900
SIOH (6.5%)				3,110
SUBTOTAL				51,010
TOTAL REQUEST ROUNDED				51,010
TOTAL REQUEST				49,900
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(12,420)
10. Description of Proposed Construction:				
Constructs a multi-story, reinforced concrete building with auger cast pile foundation as a structurally independent facility directly adjacent to				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61054 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN			4. Project Title Ship Handling & Combat Training Facilities	
5. Program Element 0805976N	6. Category Code 17135	7. Project Number P039	8. Project Cost (\$000) 49,900	
<p>Building 1997. The new facility will include high-bay space for Integrated Navigation, Seamanship and Ship handling Trainers (NSST-4 & NSST-5); space for a Combined Integrated Air and Missile Defense (IAMD) and Antisubmarine Warfare (ASW) Trainer (CIAT); space for a Radar Navigation (NSST-6, RADNAV) trainer; space for a Multi-Purpose Reconfigurable Training System (MRTS); and support areas including administrative office space, briefing room, storage room, restrooms, quarterdeck, server room, and utility rooms.</p> <p>This project alters Building 1997 to provide connecting access to the new facility.</p> <p>Facility-related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria.</p> <p>This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.</p> <p>Built-in equipment includes raised flooring and a passenger/freight elevator. A service yard for the mechanical and electrical equipment for the new building will also be installed.</p> <p>Special costs include Post Construction Contract Award Services (PCAS) and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p> <p>Operations and Maintenance Support Information (OMSI) is included in this project.</p> <p>DoD and DON principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.</p> <p>Special Construction Features include radon mitigation.</p> <p>Electrical utilities include demolition of existing parking lot lighting and circuits, relocation of existing feeder duct banks and manholes,</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61054 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN			4. Project Title Ship Handling & Combat Training Facilities	
5. Program Element 0805976N	6. Category Code 17135	7. Project Number P039	8. Project Cost (\$000) 49,900	
<p>primary and secondary distribution system, telecommunications infrastructure and cubicle transformer. Existing feeder duct banks and existing manhole B17 routed near the proposed building site will be relocated.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p>				
<p>11. Requirement: <u>2,202 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Constructs training facility for Integrated Navigation, Seamanship and Ship handling Trainer, Multi-Purpose Reconfigurable Training System, Combined IAMD and ASW Trainer, and training support and equipment maintenance/storage spaces.</p> <p>(Current Mission)</p> <p>REQUIREMENT:</p> <p>In response to two ship collisions in 2017 involving the USS McCain and USS Fitzgerald, a "Comprehensive Review" conducted by Commander, U.S. Fleet Forces Command, determined the need for increased virtual training capability at nine key locations, including Yokosuka, Japan. Furthermore, Fleet Activities (FLEACT) Yokosuka shall achieve Chief of Naval Operations and Naval Surface Forces requirements to deliver the NSST capability no later than 2021. The CIAT trainer combines the requirement for IAMD and ASW training mandated in order to support the training and execution of Pre Planned Responses and Tactics, Techniques and Procedures for IAMD and ASW detection, tracking, identification, control, and engagement.</p> <p>CURRENT SITUATION:</p> <p>FLEACT Yokosuka does not currently have adequate or available facility space to accommodate the NSST, CIAT, and MRTS requirements. Particularly, FLEACT does not have an adequate or available space to meet the atypical 26-foot ceiling height required for the NSST trainers.</p> <p>This project is not sited in a 100-year flood plain.</p> <p>This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021																																
3. Installation(SA)& Location/UIC: N61054 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN			4. Project Title Ship Handling & Combat Training Facilities																																	
5. Program Element 0805976N	6. Category Code 17135	7. Project Number P039	8. Project Cost (\$000) 49,900																																	
IMPACT IF NOT PROVIDED: Without a training facility, the majority of the Seventh Fleet based at FLEACT Yokosuka will be unable to rectify training deficiencies identified in the Comprehensive Review, which was prompted by two Seventh Fleet incidents. Ultimately, the Navy will continue to place both AEGIS weapons and engagement training, and more fundamentally important, the navigational readiness of its sailors that contributed to the 2017 ship collisions, at risk.																																				
12. Supplemental Data: A. Estimated Design Data: 1. Status: (A) Date design or Parametric Cost Estimate started 02/2020 (B) Date 35% Design or Parametric Cost Estimate complete 05/2020 (C) Date design completed 06/2021 (D) Percent completed as of September 2020 35% (E) Percent completed as of January 2021 55% (F) Type of design contract Design Bid Build (G) Parametric Estimate used to develop cost No (H) Energy Study/Life Cycle Analysis performed No 2. Basis: (A) Standard or Definitive Design No (B) Where design was previously used 3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E): (A) Production of plans and specifications \$2,113 (B) All other design costs \$1,590 (C) Total \$3,703 (D) Contract \$3,022 (E) In-house \$681 4. Contract award: 12/2021 5. Construction start: 01/2022 6. Construction complete: 12/2023 B. Equipment associated with this project which will be provided from other appropriations: <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: left;"><u>Procuring</u></th> <th style="text-align: left;"><u>FY Approp</u></th> <th style="text-align: left;"><u>Cost (\$000)</u></th> </tr> <tr> <th style="text-align: left;"><u>Nomenclature</u></th> <th style="text-align: left;"><u>Approp</u></th> <th style="text-align: left;"><u>or Requested</u></th> <th></th> </tr> </thead> <tbody> <tr> <td>CIAT Trainer</td> <td>OPN</td> <td>Future Request</td> <td>1,300</td> </tr> <tr> <td>FF&E</td> <td>OMN</td> <td>Future Request</td> <td>320</td> </tr> <tr> <td>MRTS</td> <td>OPN</td> <td>Future Request</td> <td>500</td> </tr> <tr> <td>NSST 4 Trainer</td> <td>OPN</td> <td>Future Request</td> <td>2,600</td> </tr> <tr> <td>NSST 5 Trainer</td> <td>OPN</td> <td>Future Request</td> <td>5,800</td> </tr> <tr> <td>NSST 6 (RADNAV) Trainer</td> <td>OPN</td> <td>Future Request</td> <td>1,900</td> </tr> </tbody> </table>					<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>	<u>Cost (\$000)</u>	<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>		CIAT Trainer	OPN	Future Request	1,300	FF&E	OMN	Future Request	320	MRTS	OPN	Future Request	500	NSST 4 Trainer	OPN	Future Request	2,600	NSST 5 Trainer	OPN	Future Request	5,800	NSST 6 (RADNAV) Trainer	OPN	Future Request	1,900
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>	<u>Cost (\$000)</u>																																	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>																																		
CIAT Trainer	OPN	Future Request	1,300																																	
FF&E	OMN	Future Request	320																																	
MRTS	OPN	Future Request	500																																	
NSST 4 Trainer	OPN	Future Request	2,600																																	
NSST 5 Trainer	OPN	Future Request	5,800																																	
NSST 6 (RADNAV) Trainer	OPN	Future Request	1,900																																	

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61054 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN			4. Project Title Ship Handling & Combat Training Facilities	
5. Program Element 0805976N	6. Category Code 17135	7. Project Number P039	8. Project Cost (\$000) 49,900	
<p>CERTIFYING OFFICIAL STATEMENT:</p> <p>The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p> <p>Activity POC: NAVFAC HQ MILCON Program Phone No: 202-685-9401 Manager</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N61054 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN			4. Project Title Ship Handling & Combat Training Facilities	
5. Program Element 0805976N	6. Category Code 17135	7. Project Number P039	8. Project Cost (\$000) 49,900	
<p>Blank Page</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N64482 PLANNING /DESIGN UNSPECIFIED, WORLDWIDE LOCATIONS			4. Project Title MCON Design	
5. Program Element 0901211N	6. Category Code	7. Project Number P232	8. Project Cost (\$000) 363,252	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MCON DESIGN	LS			363,250
DESIGN COSTS	LS			(363,250)
SUBTOTAL				363,250
CONTINGENCY (0%)				0
TOTAL CONTRACT COST				363,250
SIOH (0%)				0
SUBTOTAL				363,250
TOTAL REQUEST ROUNDED				363,250
TOTAL REQUEST				363,252
10. Description of Proposed Construction:				
<p>Funds to be utilized under Title 10 USC 2807 for architectural and engineering services and construction design in connection with military construction projects including regular program projects, exceptional authority construction (including unspecified minor construction) projects, land appraisals, and other projects as directed. Engineering investigations, such as field surveys and foundation exploration, will be undertaken as necessary.</p>				
11. Requirement:				
PROJECT:				
Planning and design funds.				
(Current Mission)				
REQUIREMENT:				
All projects in a military construction program presented for approval must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to the Congress. Based on this preliminary design, final plans and specifications are then prepared. These costs for architectural and engineering services and construction design are not provided for in the construction project cost estimates except in those where Design/Build contracting method is used.				
CURRENT SITUATION:				
N/A				
IMPACT IF NOT PROVIDED:				
N/A				
12. Supplemental Data:				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N64482 PLANNING /DESIGN UNSPECIFIED, WORLDWIDE LOCATIONS			4. Project Title MCON Design	
5. Program Element 0901211N	6. Category Code	7. Project Number P232	8. Project Cost (\$000) 363,252	
<p>A. Estimated Design Data:</p> <p>1. Status:</p> <p>(A) Date design or Parametric Cost Estimate started</p> <p>(B) Date 35% Design or Parametric Cost Estimate complete</p> <p>(C) Date design completed</p> <p>(D) Percent completed as of September 2020</p> <p>(E) Percent completed as of January 2021</p> <p>(F) Type of design contract</p> <p>(G) Parametric Estimate used to develop cost</p> <p>(H) Energy Study/Life Cycle Analysis performed</p> <p>2. Basis:</p> <p>(A) Standard or Definitive Design</p> <p>(B) Where design was previously used</p> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <p>(A) Production of plans and specifications</p> <p>(B) All other design costs</p> <p>(C) Total</p> <p>(D) Contract</p> <p>(E) In-house</p> <p>4. Contract award:</p> <p>5. Construction start:</p> <p>6. Construction complete:</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p>				
<p>CERTIFYING OFFICIAL STATEMENT:</p> <p>N/A</p>				
Activity POC:		Phone No:		

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N64481 MINOR CONSTRUCTION UNSPECIFIED, WORLDWIDE LOCATIONS			4. Project Title MCON Unspecified Minor Construction	
5. Program Element 0901211N	6. Category Code	7. Project Number P222	8. Project Cost (\$000) 56,435	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MCON UNSPECIFIED MINOR CONSTRUCTION	LS			56,440
MCON UNSPECIFIED MINOR CONSTRUCTION	LS			(56,440)
SUBTOTAL				56,440
CONTINGENCY (0%)				0
TOTAL CONTRACT COST				56,440
SIOH (0%)				0
SUBTOTAL				56,440
TOTAL REQUEST ROUNDED				56,440
TOTAL REQUEST				56,435
10. Description of Proposed Construction: Department of the Navy (DON) unspecified minor military construction (UMC) projects authorized by Title 10 USC 2805 and funded by military construction active force (MCON) appropriations.				
11. Requirement: PROJECT: DON UMC projects funded by MCON appropriations. (Current Mission) REQUIREMENT: A MCON funded UMC project is a military construction project not otherwise authorized by law having an approved total funded project cost within limits identified for such projects in Title 10 USC 2805. A MCON funded UMC project may be carried out only after the end of the 14 day period beginning on the date on which notification is provided in an electronic medium to the appropriate committees of Congress. CURRENT SITUATION: N/A IMPACT IF NOT PROVIDED: N/A				
12. Supplemental Data: A. Estimated Design Data: 1. Status: (A) Date design or Parametric Cost Estimate started (B) Date 35% Design or Parametric Cost Estimate complete				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM			2. Date MAY 2021
3. Installation(SA)& Location/UIC: N64481 MINOR CONSTRUCTION UNSPECIFIED, WORLDWIDE LOCATIONS			4. Project Title MCON Unspecified Minor Construction	
5. Program Element 0901211N	6. Category Code	7. Project Number P222	8. Project Cost (\$000) 56,435	
<p>(C) Date design completed</p> <p>(D) Percent completed as of September 2020</p> <p>(E) Percent completed as of January 2021</p> <p>(F) Type of design contract</p> <p>(G) Parametric Estimate used to develop cost</p> <p>(H) Energy Study/Life Cycle Analysis performed</p> <p>2. Basis:</p> <p>(A) Standard or Definitive Design</p> <p>(B) Where design was previously used</p> <p>3. Total Cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <p>(A) Production of plans and specifications</p> <p>(B) All other design costs</p> <p>(C) Total</p> <p>(D) Contract</p> <p>(E) In-house</p> <p>4. Contract award:</p> <p>5. Construction start:</p> <p>6. Construction complete:</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p> <p>CERTIFYING OFFICIAL STATEMENT:</p> <p>N/A</p> <p>Activity POC:</p> <p>Phone No:</p>				

PROJECT SPENDING PLAN

Project: FY22 MCON P1090B I MEF Consolidated Information Center (Inc); Camp Pendleton, California

Project Cost (\$000): \$113,869
As of April 2021

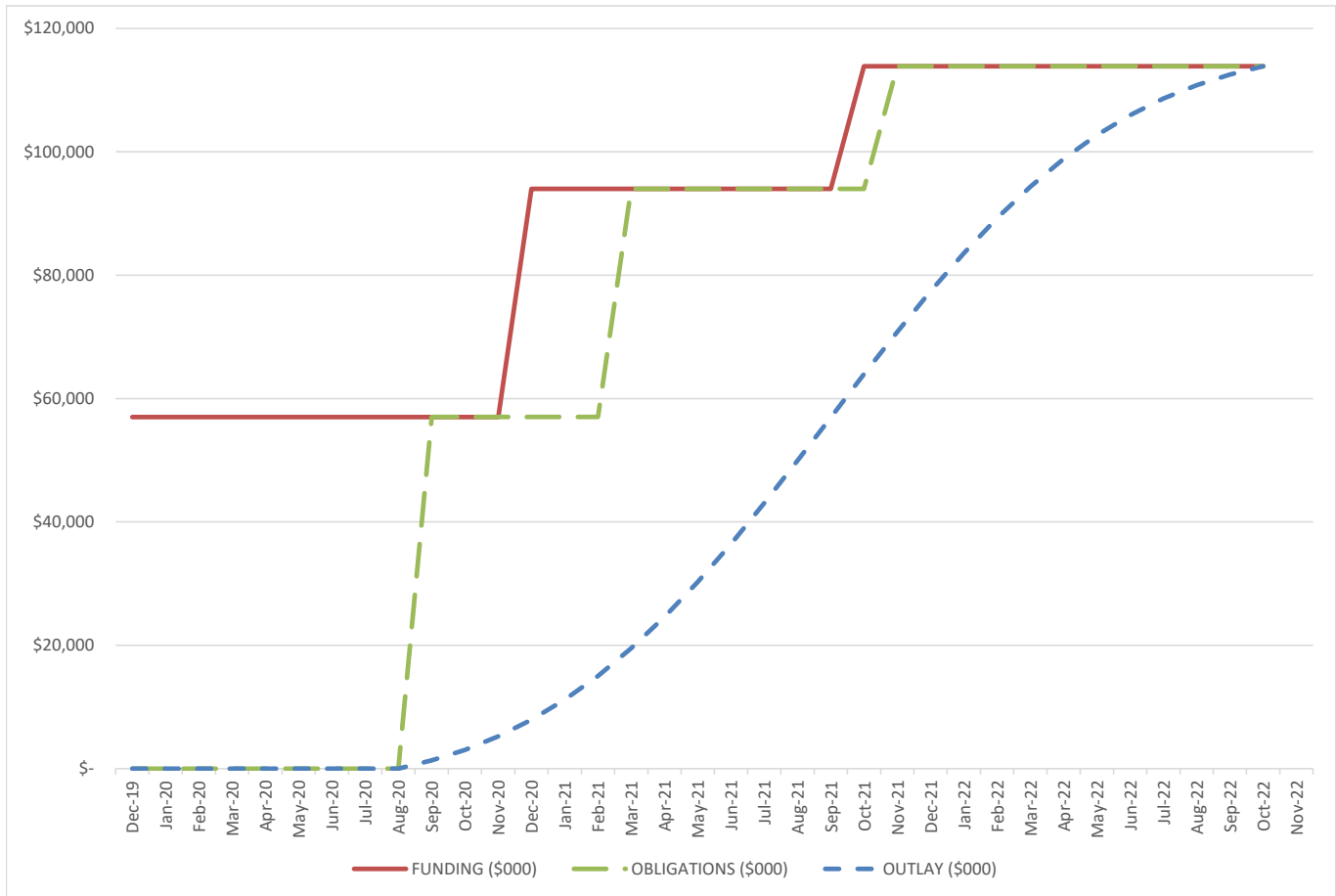
	FUNDING (\$000)		OBLIGATIONS (\$000)		OUTLAY (\$000)	
Month-Year	Monthly	Cumulative	Monthly	Cumulative	Monthly	Cumulative
Dec-19	\$57,000	\$57,000		\$0		\$0
Jul-20		\$57,000		\$0		\$0
Aug-20		\$57,000		\$0		\$0
Sep-20		\$57,000	\$57,000	\$57,000	\$1,330	\$1,330
Oct-20		\$57,000		\$57,000	\$1,718	\$3,049
Nov-20		\$57,000		\$57,000	\$2,172	\$5,221
Dec-20	\$37,000	\$94,000		\$57,000	\$2,689	\$7,910
Jan-21		\$94,000		\$57,000	\$3,258	\$11,167
Feb-21		\$94,000		\$57,000	\$3,863	\$15,031
Mar-21		\$94,000	\$37,000	\$94,000	\$4,485	\$19,516
Apr-21		\$94,000		\$94,000	\$5,098	\$24,614
May-21		\$94,000		\$94,000	\$5,671	\$30,285
Jun-21		\$94,000		\$94,000	\$6,176	\$36,461
Jul-21		\$94,000		\$94,000	\$6,584	\$43,045
Aug-21		\$94,000		\$94,000	\$6,871	\$49,916
Sep-21		\$94,000		\$94,000	\$7,019	\$56,935
Oct-21	\$19,869	\$113,869		\$94,000	\$7,019	\$63,953
Nov-21		\$113,869	\$19,869	\$113,869	\$6,871	\$70,824
Dec-21		\$113,869		\$113,869	\$6,584	\$77,408
Jan-22		\$113,869		\$113,869	\$6,176	\$83,584
Feb-22		\$113,869		\$113,869	\$5,671	\$89,255
Mar-22		\$113,869		\$113,869	\$5,098	\$94,353
Apr-22		\$113,869		\$113,869	\$4,485	\$98,838
May-22		\$113,869		\$113,869	\$3,863	\$102,702
Jun-22		\$113,869		\$113,869	\$3,258	\$105,959
Jul-22		\$113,869		\$113,869	\$2,689	\$108,648
Aug-22		\$113,869		\$113,869	\$2,172	\$110,820
Sep-22		\$113,869		\$113,869	\$1,718	\$112,539
Oct-22		\$113,869		\$113,869	\$1,330	\$113,869
TOTAL =	\$113,869		\$113,869		\$113,869	

PROJECT SPENDING PLAN

Project: FY22 MCON P1090B I MEF Consolidated Information Center (Inc); Camp Pendleton, California

Project Cost (\$000): \$113,869

As of April 2021



PROJECT SPENDING PLAN

Project: FY22 MCON P391A F-35C Hangar 6 Phase 2 (Mod3/4) (Inc); Lemoore, California

Project Cost (\$000): \$128,070

As of April 2021

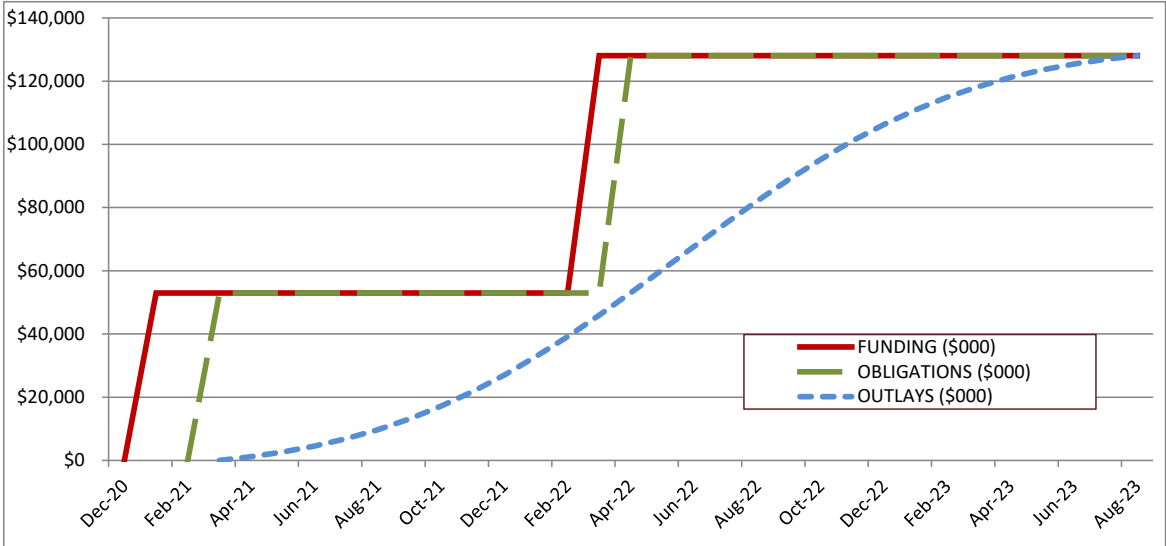
Month-Year	FUNDING (\$000)		OBLIGATIONS (\$000)		OUTLAYS (\$000)	
	Enacted	Cumulative	Obligated	Cumulative	Monthly	Cumulative
Dec-20		\$0				
Jan-21	\$53,000	\$53,000				
Feb-21		\$53,000		\$0		
Mar-21		\$53,000	\$53,000	\$53,000	\$0	\$0
Apr-21		\$53,000		\$53,000	\$1,147	\$1,147
May-21		\$53,000		\$53,000	\$1,482	\$2,629
Jun-21		\$53,000		\$53,000	\$1,879	\$4,508
Jul-21		\$53,000		\$53,000	\$2,338	\$6,846
Aug-21		\$53,000		\$53,000	\$2,854	\$9,699
Sep-21		\$53,000		\$53,000	\$3,418	\$13,118
Oct-21		\$53,000		\$53,000	\$4,017	\$17,135
Nov-21		\$53,000		\$53,000	\$4,632	\$21,767
Dec-21		\$53,000		\$53,000	\$5,241	\$27,008
Jan-22		\$53,000		\$53,000	\$5,818	\$32,826
Feb-22		\$53,000		\$53,000	\$6,337	\$39,163
Mar-22	\$75,070	\$128,070		\$53,000	\$6,773	\$45,936
Apr-22		\$128,070	\$75,070	\$128,070	\$7,102	\$53,039
May-22		\$128,070		\$128,070	\$7,308	\$60,346
Jun-22		\$128,070		\$128,070	\$7,377	\$67,724
Jul-22		\$128,070		\$128,070	\$7,308	\$75,031
Aug-22		\$128,070		\$128,070	\$7,102	\$82,134
Sep-22		\$128,070		\$128,070	\$6,773	\$88,907
Oct-22		\$128,070		\$128,070	\$6,337	\$95,244
Nov-22		\$128,070		\$128,070	\$5,818	\$101,062
Dec-22		\$128,070		\$128,070	\$5,241	\$106,303
Jan-23		\$128,070		\$128,070	\$4,632	\$110,935
Feb-23		\$128,070		\$128,070	\$4,017	\$114,952
Mar-23		\$128,070		\$128,070	\$3,418	\$118,371
Apr-23		\$128,070		\$128,070	\$2,854	\$121,224
May-23		\$128,070		\$128,070	\$2,338	\$123,562
Jun-23		\$128,070		\$128,070	\$1,879	\$125,441
Jul-23		\$128,070		\$128,070	\$1,482	\$126,923
Aug-23		\$128,070		\$128,070	\$1,147	\$128,070

PROJECT SPENDING PLAN

Project: FY22 MCON P391A F-35C Hangar 6 Phase 2 (Mod3/4) (Inc); Lemoore, California

Project Cost (\$000): \$128,070

As of April 2021



PROJECT SPENDING PLAN

Project: FY22 MCON P443A Pier 6 Replacement (Inc); San Diego, California

Project Cost (\$000): \$128,500

As of April 2021

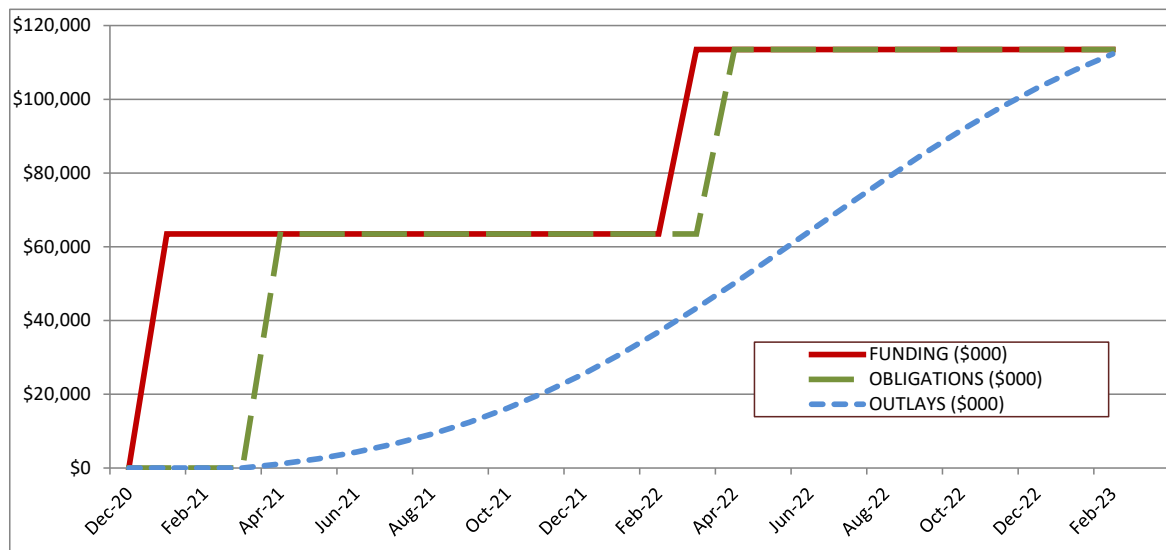
Month-Year	FUNDING (\$000)		OBLIGATIONS (\$000)		OUTLAYS (\$000)	
	Enacted	Cumulative	Obligated	Cumulative	Monthly	Cumulative
Dec-20		\$0		\$0		\$0
Jan-21	\$63,500	\$63,500		\$0		\$0
Feb-21		\$63,500		\$0		\$0
Mar-21		\$63,500		\$0	\$0	\$0
Apr-21		\$63,500	\$63,500	\$63,500	\$1,107	\$1,107
May-21		\$63,500		\$63,500	\$1,420	\$2,527
Jun-21		\$63,500		\$63,500	\$1,788	\$4,315
Jul-21		\$63,500		\$63,500	\$2,212	\$6,527
Aug-21		\$63,500		\$63,500	\$2,690	\$9,217
Sep-21		\$63,500		\$63,500	\$3,212	\$12,429
Oct-21		\$63,500		\$63,500	\$3,768	\$16,197
Nov-21		\$63,500		\$63,500	\$4,343	\$20,540
Dec-21		\$63,500		\$63,500	\$4,918	\$25,458
Jan-22		\$63,500		\$63,500	\$5,471	\$30,929
Feb-22		\$63,500		\$63,500	\$5,979	\$36,908
Mar-22	\$50,000	\$113,500		\$63,500	\$6,419	\$43,326
Apr-22		\$113,500	\$50,000	\$113,500	\$6,770	\$50,096
May-22		\$113,500		\$113,500	\$7,014	\$57,110
Jun-22		\$113,500		\$113,500	\$7,140	\$64,250
Jul-22		\$113,500		\$113,500	\$7,140	\$71,390
Aug-22		\$113,500		\$113,500	\$7,014	\$78,404
Sep-22		\$113,500		\$113,500	\$6,770	\$85,174
Oct-22		\$113,500		\$113,500	\$6,419	\$91,592
Nov-22		\$113,500		\$113,500	\$5,979	\$97,571
Dec-22		\$113,500		\$113,500	\$5,471	\$103,042
Jan-23		\$113,500		\$113,500	\$4,918	\$107,960
Feb-23		\$113,500		\$113,500	\$4,343	\$112,303

PROJECT SPENDING PLAN

Project: FY22 MCON P443A Pier 6 Replacement (Inc); San Diego, California

Project Cost (\$000): \$128,500

As of April 2021



PROJECT SPENDING PLAN

Project: FY22 MCON P381A Multi-Mission Drydock #1 Extension, Phase 1; Kittery, Maine

Project Cost (\$000): \$715,000

As of May 2021

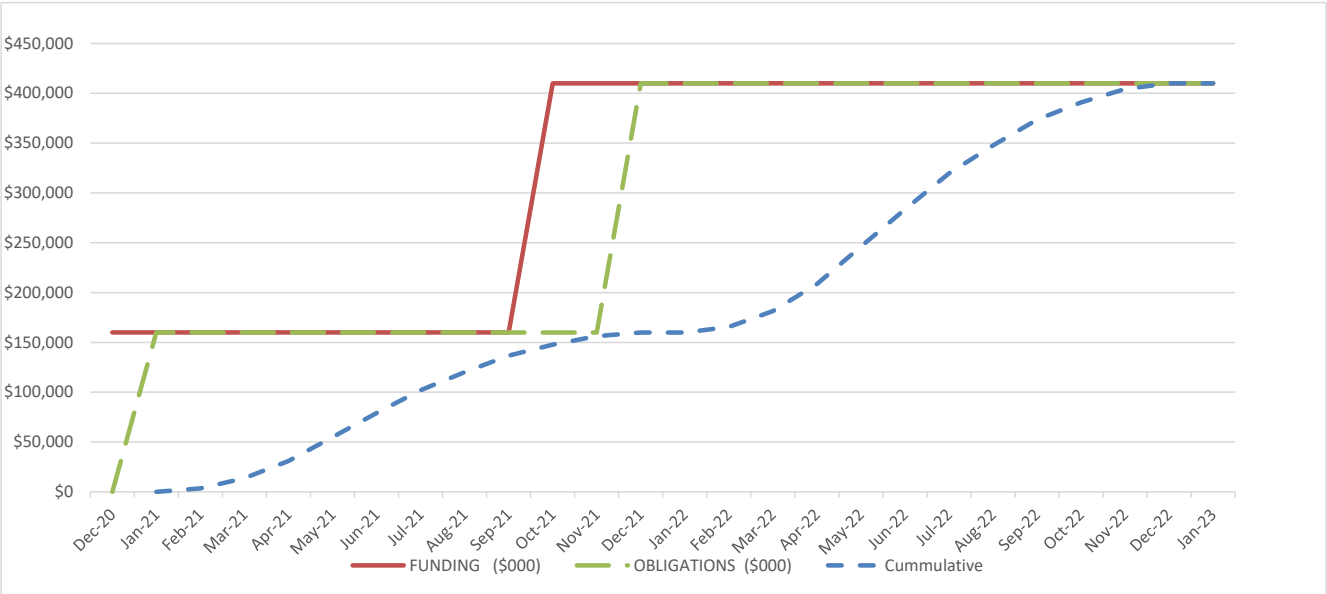
Month-Year	FUNDING (\$000)		OBLIGATIONS (\$000)		OUTLAYS (\$000)	
	Enacted	Cummulative	Obligated	Cummulative	Monthly	Cummulative
Dec-20	\$160,000	\$160,000	\$0	\$0		
Jan-21		\$160,000	\$160,000	\$160,000	\$0	\$0
Feb-21		\$160,000		\$160,000	\$3,520	\$3,520
Mar-21		\$160,000		\$160,000	\$10,240	\$13,760
Apr-21		\$160,000		\$160,000	\$17,280	\$31,040
May-21		\$160,000		\$160,000	\$24,000	\$55,040
Jun-21		\$160,000		\$160,000	\$24,000	\$79,040
Jul-21		\$160,000		\$160,000	\$23,040	\$102,080
Aug-21		\$160,000		\$160,000	\$17,920	\$120,000
Sep-21		\$160,000		\$160,000	\$16,640	\$136,640
Oct-21	\$250,000	\$410,000		\$160,000	\$11,040	\$147,680
Nov-21		\$410,000		\$160,000	\$8,640	\$156,320
Dec-21		\$410,000	\$250,000	\$410,000	\$3,680	\$160,000
Jan-22		\$410,000		\$410,000	\$0	\$160,000
Feb-22		\$410,000		\$410,000	\$5,500	\$165,500
Mar-22		\$410,000		\$410,000	\$16,000	\$181,500
Apr-22		\$410,000		\$410,000	\$27,000	\$208,500
May-22		\$410,000		\$410,000	\$37,500	\$246,000
Jun-22		\$410,000		\$410,000	\$37,500	\$283,500
Jul-22		\$410,000		\$410,000	\$36,000	\$319,500
Aug-22		\$410,000		\$410,000	\$28,000	\$347,500
Sep-22		\$410,000		\$410,000	\$26,000	\$373,500
Oct-22		\$410,000		\$410,000	\$17,250	\$390,750
Nov-22		\$410,000		\$410,000	\$13,500	\$404,250
Dec-22		\$410,000		\$410,000	\$5,750	\$410,000
Jan-23		\$410,000		\$410,000	\$0	\$410,000

PROJECT SPENDING PLAN

Project: FY22 MCON P381A Multi-Mission Drydock #1 Extension, Phase 1; Kittery, Maine

Project Cost (\$000): \$715,000

As of May 2021



PROJECT SPENDING PLAN

Project: FY21 MCON P1800B II MEF Operations Center Replacement (Inc); Camp Lejeune, North Carolina

Project Cost (\$000): \$122,200
As of May 2021

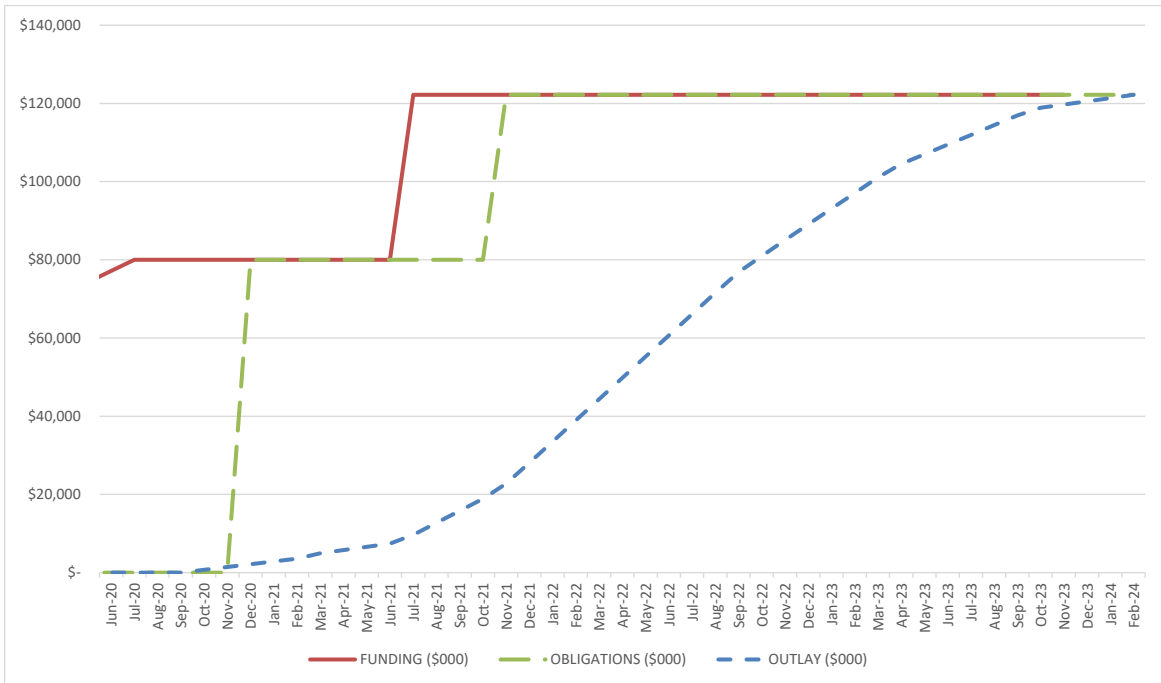
	FUNDING (\$000)		OBLIGATIONS (\$000)		OUTLAY (\$000)	
Month-Year	Monthly	Cumulative	Monthly	Cumulative	Monthly	Cumulative
Dec-19	\$60,000	\$60,000		\$0		\$0
Jul-20		\$60,000		\$0		\$0
Aug-20		\$60,000		\$0		\$0
Sep-20		\$60,000		\$0		\$0
Oct-20	\$20,000	\$80,000		\$0	\$710	\$710
Nov-20		\$80,000		\$0	\$710	\$1,420
Dec-20		\$80,000	\$80,000	\$80,000	\$710	\$2,131
Jan-21		\$80,000		\$80,000	\$710	\$2,841
Feb-21		\$80,000		\$80,000	\$710	\$3,551
Mar-21		\$80,000		\$80,000	\$1,414	\$4,965
Apr-21		\$80,000		\$80,000	\$824	\$5,789
May-21		\$80,000		\$80,000	\$824	\$6,613
Jun-21		\$80,000		\$80,000	\$824	\$7,437
Jul-21		\$80,000		\$80,000	\$2,238	\$9,675
Aug-21		\$80,000		\$80,000	\$3,069	\$12,743
Sep-21		\$80,000		\$80,000	\$3,069	\$15,812
Oct-21	\$42,200	\$122,200		\$80,000	\$3,069	\$18,881
Nov-21		\$122,200	\$42,200	\$122,200	\$3,893	\$22,773
Dec-21		\$122,200		\$122,200	\$5,306	\$28,080
Jan-22		\$122,200		\$122,200	\$5,427	\$33,507
Feb-22		\$122,200		\$122,200	\$5,427	\$38,934
Mar-22		\$122,200		\$122,200	\$5,427	\$44,361
Apr-22		\$122,200		\$122,200	\$5,427	\$49,788
May-22		\$122,200		\$122,200	\$5,427	\$55,215
Jun-22		\$122,200		\$122,200	\$5,427	\$60,642
Jul-22		\$122,200		\$122,200	\$5,427	\$66,069
Aug-22		\$122,200		\$122,200	\$5,427	\$71,496
Sep-22		\$122,200		\$122,200	\$5,306	\$76,802
Oct-22		\$122,200		\$122,200	\$4,127	\$80,929
Nov-22		\$122,200		\$122,200	\$4,127	\$85,057
Dec-22		\$122,200		\$122,200	\$4,007	\$89,063
Jan-23		\$122,200		\$122,200	\$4,007	\$93,070
Feb-23		\$122,200		\$122,200	\$4,007	\$97,076
Mar-23		\$122,200		\$122,200	\$4,007	\$101,083
Apr-23		\$122,200		\$122,200	\$3,417	\$104,500
May-23		\$122,200		\$122,200	\$2,479	\$106,979
Jun-23		\$122,200		\$122,200	\$2,479	\$109,458
Jul-23		\$122,200		\$122,200	\$2,479	\$111,937
Aug-23		\$122,200		\$122,200	\$2,479	\$114,416
Sep-23		\$122,200		\$122,200	\$2,479	\$116,895
Oct-23		\$122,200		\$122,200	\$1,977	\$118,871
Nov-23		\$122,200		\$122,200	\$832	\$119,704
Dec-23		\$122,200		\$122,200	\$832	\$120,536
Jan-24		\$122,200		\$122,200	\$832	\$121,368
Feb-24		\$122,200		\$122,200	\$832	\$122,200
TOTAL =	\$ 122,200		\$ 122,200		\$ 122,200	

PROJECT SPENDING PLAN

Project: FY21 MCON P1800B II MEF Operations Center Replacement (Inc); Camp Lejeune, North Carolina

Project Cost (\$000): \$122,200

As of May 2021



PROJECT SPENDING PLAN

Project: FY2022 P197 Aircraft Maintenance Hangar, Cherry Point, North Carolina

Project Cost (\$000): \$207,897

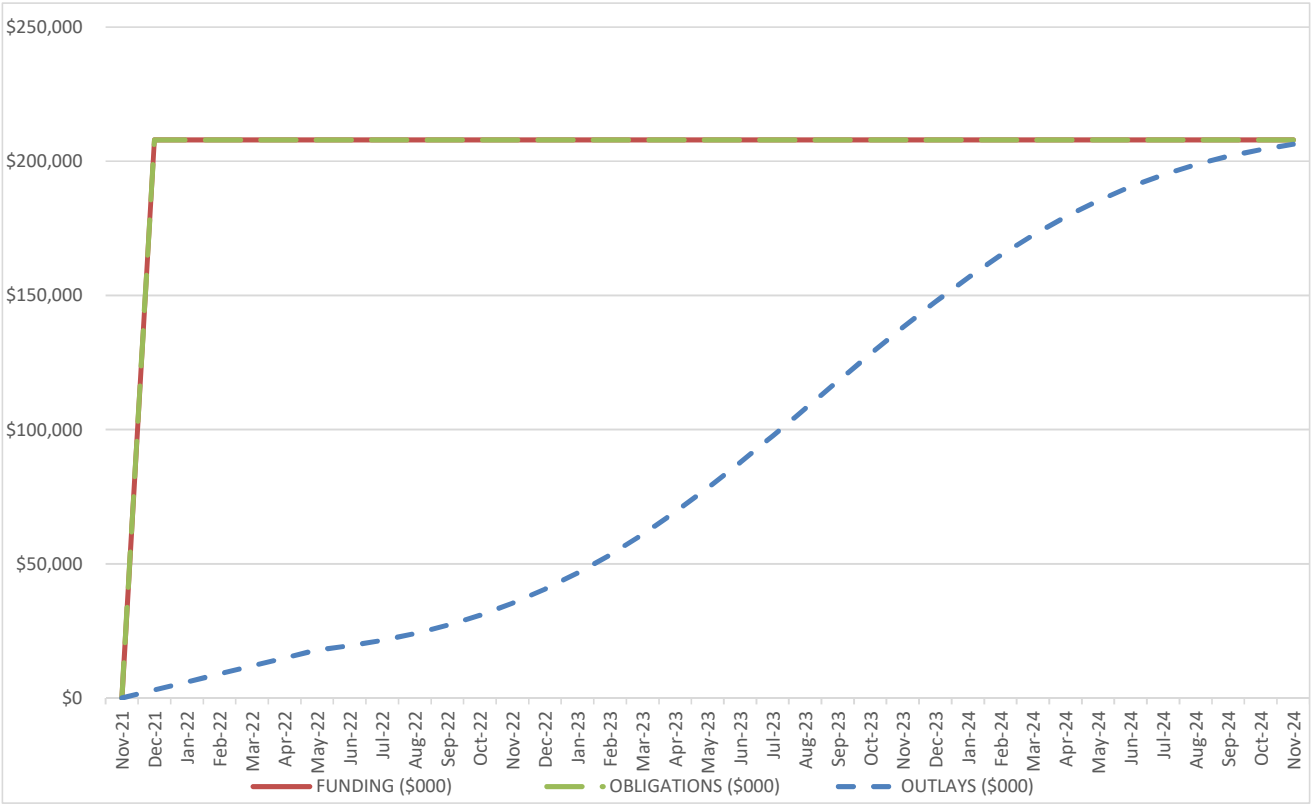
As of April 2021

	FUNDING (\$000)		OBLIGATIONS (\$000)		OUTLAYS (\$000)	
Month-Year	Monthly	Cumulative	Monthly	Cumulative	Monthly	Cumulative
Nov-21		\$0		\$0	\$0	\$0
Dec-21	\$207,897	\$207,897	\$207,897	\$207,897	\$2,980	\$2,980
Jan-22		\$207,897		\$207,897	\$2,980	\$5,960
Feb-22		\$207,897		\$207,897	\$2,980	\$8,940
Mar-22		\$207,897		\$207,897	\$2,980	\$11,919
Apr-22		\$207,897		\$207,897	\$2,980	\$14,899
May-22		\$207,897		\$207,897	\$2,980	\$17,879
Jun-22		\$207,897		\$207,897	\$1,578	\$19,457
Jul-22		\$207,897		\$207,897	\$2,008	\$21,464
Aug-22		\$207,897		\$207,897	\$2,513	\$23,977
Sep-22		\$207,897		\$207,897	\$3,093	\$27,071
Oct-22		\$207,897		\$207,897	\$3,745	\$30,816
Nov-22		\$207,897		\$207,897	\$4,460	\$35,276
Dec-22		\$207,897		\$207,897	\$5,223	\$40,498
Jan-23		\$207,897		\$207,897	\$6,015	\$46,514
Feb-23		\$207,897		\$207,897	\$6,814	\$53,328
Mar-23		\$207,897		\$207,897	\$7,592	\$60,920
Apr-23		\$207,897		\$207,897	\$8,319	\$69,239
May-23		\$207,897		\$207,897	\$8,965	\$78,204
Jun-23		\$207,897		\$207,897	\$9,502	\$87,706
Jul-23		\$207,897		\$207,897	\$9,906	\$97,612
Aug-23		\$207,897		\$207,897	\$10,156	\$107,768
Sep-23		\$207,897		\$207,897	\$10,241	\$118,008
Oct-23		\$207,897		\$207,897	\$10,156	\$128,164
Nov-23		\$207,897		\$207,897	\$9,906	\$138,070
Dec-23		\$207,897		\$207,897	\$9,502	\$147,572
Jan-24		\$207,897		\$207,897	\$8,965	\$156,537
Feb-24		\$207,897		\$207,897	\$8,319	\$164,856
Mar-24		\$207,897		\$207,897	\$7,592	\$172,448
Apr-24		\$207,897		\$207,897	\$6,814	\$179,263
May-24		\$207,897		\$207,897	\$6,015	\$185,278
Jun-24		\$207,897		\$207,897	\$5,223	\$190,501
Jul-24		\$207,897		\$207,897	\$4,460	\$194,960
Aug-24		\$207,897		\$207,897	\$3,745	\$198,705
Sep-24		\$207,897		\$207,897	\$3,093	\$201,799
Oct-24		\$207,897		\$207,897	\$2,513	\$204,312
Nov-24		\$207,897		\$207,897	\$2,008	\$206,319
Dec-24		\$207,897		\$207,897	\$1,578	\$207,897

PROJECT SPENDING PLAN

Project: FY2022 P197 Aircraft Maintenance Hangar, Cherry Point, North Carolina

Project Cost (\$000): \$207,897
As of April 2021



PROJECT SPENDING PLAN

Project: FY22 MCON P239 F-35 Flightline Utilities Modernization Phase II; Cherry Point, North Carolina

Project Cost (\$000): \$113,520

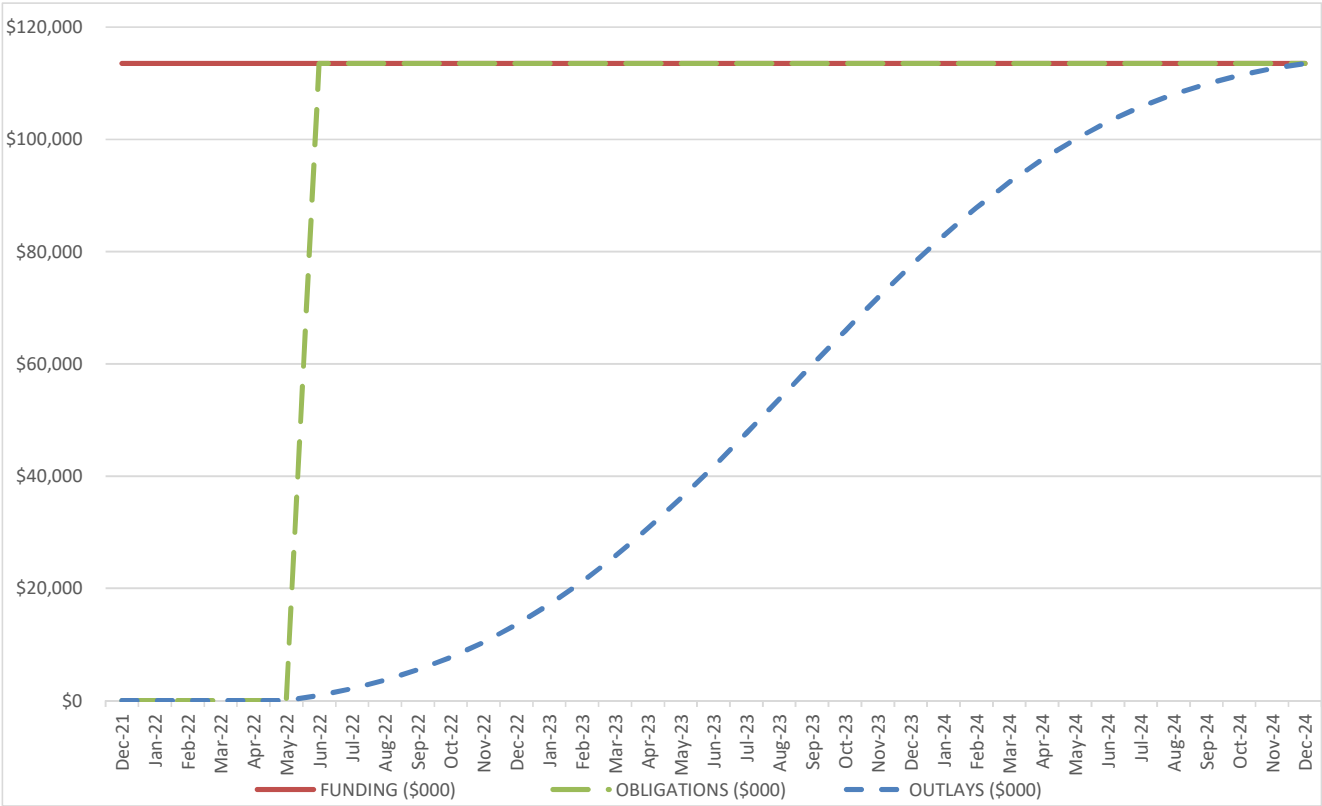
As of April 2021

	FUNDING (\$000)		OBLIGATIONS (\$000)		OUTLAYS (\$000)	
Month-Year	Monthly	Cumulative	Monthly	Cumulative	Monthly	Cumulative
Dec-21	\$113,520	\$113,520		\$0	\$0	\$0
Jan-22		\$113,520		\$0	\$0	\$0
Feb-22		\$113,520		\$0	\$0	\$0
Mar-22		\$113,520		\$0	\$0	\$0
Apr-22		\$113,520		\$0	\$0	\$0
May-22		\$113,520		\$0	\$0	\$0
Jun-22		\$113,520	\$113,520	\$113,520	\$942	\$942
Jul-22		\$113,520		\$113,520	\$1,199	\$2,142
Aug-22		\$113,520		\$113,520	\$1,501	\$3,643
Sep-22		\$113,520		\$113,520	\$1,848	\$5,491
Oct-22		\$113,520		\$113,520	\$2,237	\$7,729
Nov-22		\$113,520		\$113,520	\$2,664	\$10,393
Dec-22		\$113,520		\$113,520	\$3,120	\$13,513
Jan-23		\$113,520		\$113,520	\$3,594	\$17,107
Feb-23		\$113,520		\$113,520	\$4,071	\$21,178
Mar-23		\$113,520		\$113,520	\$4,536	\$25,713
Apr-23		\$113,520		\$113,520	\$4,970	\$30,683
May-23		\$113,520		\$113,520	\$5,356	\$36,039
Jun-23		\$113,520		\$113,520	\$5,677	\$41,716
Jul-23		\$113,520		\$113,520	\$5,918	\$47,634
Aug-23		\$113,520		\$113,520	\$6,067	\$53,701
Sep-23		\$113,520		\$113,520	\$6,118	\$59,819
Oct-23		\$113,520		\$113,520	\$6,067	\$65,886
Nov-23		\$113,520		\$113,520	\$5,918	\$71,804
Dec-23		\$113,520		\$113,520	\$5,677	\$77,481
Jan-24		\$113,520		\$113,520	\$5,356	\$82,837
Feb-24		\$113,520		\$113,520	\$4,970	\$87,807
Mar-24		\$113,520		\$113,520	\$4,536	\$92,342
Apr-24		\$113,520		\$113,520	\$4,071	\$96,413
May-24		\$113,520		\$113,520	\$3,594	\$100,007
Jun-24		\$113,520		\$113,520	\$3,120	\$103,127
Jul-24		\$113,520		\$113,520	\$2,664	\$105,791
Aug-24		\$113,520		\$113,520	\$2,237	\$108,029
Sep-24		\$113,520		\$113,520	\$1,848	\$109,877
Oct-24		\$113,520		\$113,520	\$1,501	\$111,378
Nov-24		\$113,520		\$113,520	\$1,199	\$112,578
Dec-24		\$113,520		\$113,520	\$942	\$113,520

PROJECT SPENDING PLAN

Project: FY22 MCON P239 F-35 Flightline Utilities Modernization Phase II; Cherry Point, North Carolina

Project Cost (\$000): \$113,520
As of April 2021



PROJECT SPENDING PLAN

Project: FY22 MCON P095 Submarine Pier 3 (INC); Norfolk, Virginia

Project Cost (\$000): \$269,693

As of May 2021

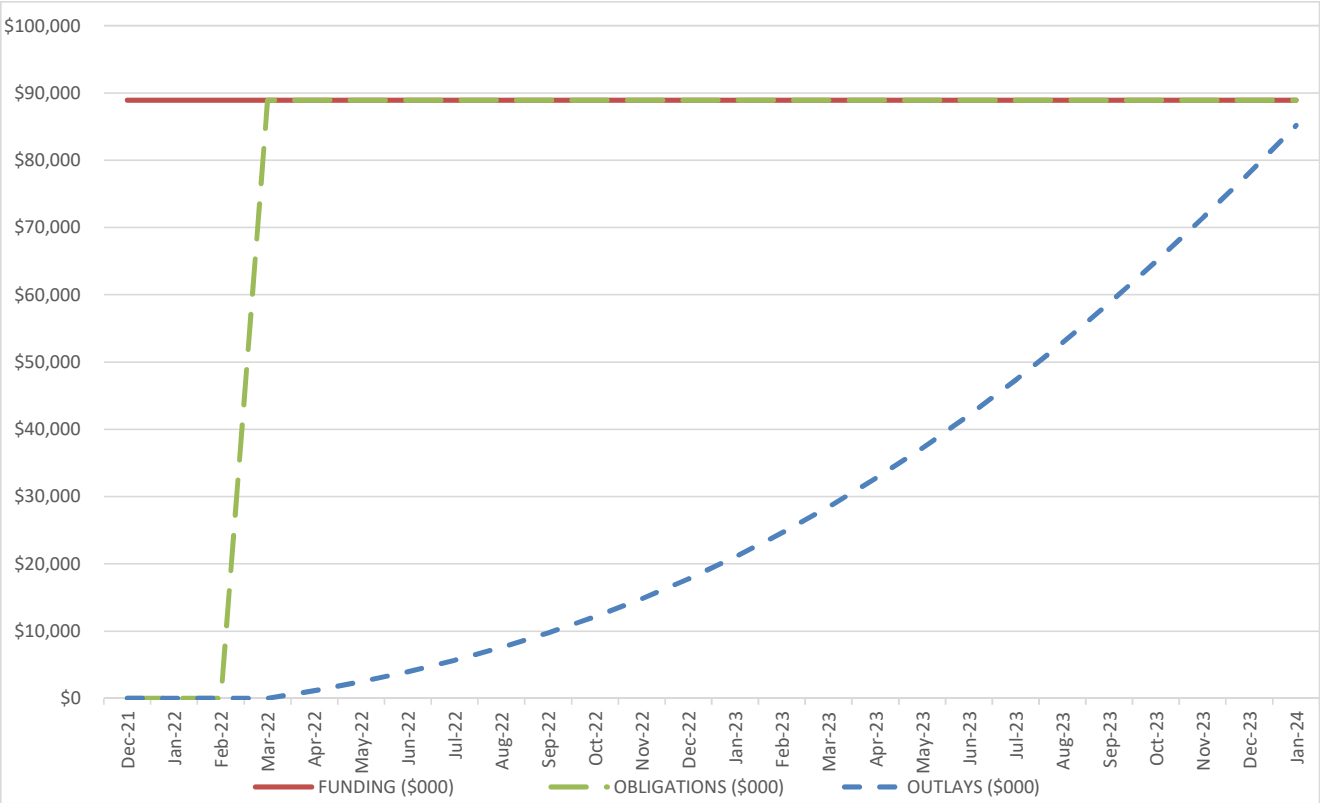
	FUNDING (\$000)		OBLIGATIONS (\$000)		OUTLAYS (\$000)	
Month-Year	Monthly	Cumulative	Monthly	Cumulative	Monthly	Cumulative
Dec-21	\$88,923	\$88,923		\$0	\$0	\$0
Jan-22		\$88,923		\$0	\$0	\$0
Feb-22		\$88,923		\$0	\$0	\$0
Mar-22		\$88,923	\$88,923	\$88,923	\$0	\$0
Apr-22		\$88,923		\$88,923	\$1,148	\$1,148
May-22		\$88,923		\$88,923	\$1,315	\$2,463
Jun-22		\$88,923		\$88,923	\$1,498	\$3,961
Jul-22		\$88,923		\$88,923	\$1,698	\$5,659
Aug-22		\$88,923		\$88,923	\$1,916	\$7,575
Sep-22		\$88,923		\$88,923	\$2,151	\$9,726
Oct-22		\$88,923		\$88,923	\$2,403	\$12,129
Nov-22		\$88,923		\$88,923	\$2,671	\$14,801
Dec-22		\$88,923		\$88,923	\$2,955	\$17,755
Jan-23		\$88,923		\$88,923	\$3,253	\$21,008
Feb-23		\$88,923		\$88,923	\$3,563	\$24,571
Mar-23		\$88,923		\$88,923	\$3,883	\$28,454
Apr-23		\$88,923		\$88,923	\$4,212	\$32,665
May-23		\$88,923		\$88,923	\$4,546	\$37,211
Jun-23		\$88,923		\$88,923	\$4,882	\$42,093
Jul-23		\$88,923		\$88,923	\$5,217	\$47,310
Aug-23		\$88,923		\$88,923	\$5,548	\$52,859
Sep-23		\$88,923		\$88,923	\$5,872	\$58,730
Oct-23		\$88,923		\$88,923	\$6,183	\$64,913
Nov-23		\$88,923		\$88,923	\$6,479	\$71,393
Dec-23		\$88,923		\$88,923	\$6,756	\$78,149
Jan-24		\$88,923		\$88,923	\$7,010	\$85,159

PROJECT SPENDING PLAN

Project: FY22 MCON P095 Submarine Pier 3 (INC); Norfolk, Virginia

Project Cost (\$000): \$269,693

As of May 2021



PROJECT SPENDING PLAN

Project: FY22 MCON P678 Dry Dock Saltwater System for CVN-78, Portsmouth, Virginia

Project Cost (\$000): \$156,380

As of April 2021

	FUNDING (\$000)		OBLIGATIONS (\$000)		OUTLAYS (\$000)	
Month-Year	Monthly	Cumulative	Monthly	Cumulative	Monthly	Cumulative
Dec-21	\$156,380	\$156,380		\$0	\$0	\$0
Jan-22		\$156,380	\$156,380	\$156,380	\$0	\$0
Feb-22		\$156,380		\$156,380	\$692	\$692
Mar-22		\$156,380		\$156,380	\$796	\$1,488
Apr-22		\$156,380		\$156,380	\$911	\$2,398
May-22		\$156,380		\$156,380	\$1,037	\$3,435
Jun-22		\$156,380		\$156,380	\$1,174	\$4,609
Jul-22		\$156,380		\$156,380	\$1,322	\$5,931
Aug-22		\$156,380		\$156,380	\$1,481	\$7,412
Sep-22		\$156,380		\$156,380	\$1,651	\$9,063
Oct-22		\$156,380		\$156,380	\$1,830	\$10,893
Nov-22		\$156,380		\$156,380	\$2,018	\$12,911
Dec-22		\$156,380		\$156,380	\$2,214	\$15,125
Jan-23		\$156,380		\$156,380	\$2,416	\$17,541
Feb-23		\$156,380		\$156,380	\$2,622	\$20,163
Mar-23		\$156,380		\$156,380	\$2,831	\$22,993
Apr-23		\$156,380		\$156,380	\$3,040	\$26,033
May-23		\$156,380		\$156,380	\$3,248	\$29,281
Jun-23		\$156,380		\$156,380	\$3,451	\$32,733
Jul-23		\$156,380		\$156,380	\$3,648	\$36,381
Aug-23		\$156,380		\$156,380	\$3,836	\$40,218
Sep-23		\$156,380		\$156,380	\$4,013	\$44,230
Oct-23		\$156,380		\$156,380	\$4,175	\$48,406
Nov-23		\$156,380		\$156,380	\$4,321	\$52,727
Dec-23		\$156,380		\$156,380	\$4,449	\$57,175
Jan-24		\$156,380		\$156,380	\$4,556	\$61,731
Feb-24		\$156,380		\$156,380	\$4,641	\$66,371
Mar-24		\$156,380		\$156,380	\$4,702	\$71,074
Apr-24		\$156,380		\$156,380	\$4,740	\$75,814
May-24		\$156,380		\$156,380	\$4,752	\$80,566
Jun-24		\$156,380		\$156,380	\$4,740	\$85,306
Jul-24		\$156,380		\$156,380	\$4,702	\$90,009
Aug-24		\$156,380		\$156,380	\$4,641	\$94,649
Sep-24		\$156,380		\$156,380	\$4,556	\$99,205
Oct-24		\$156,380		\$156,380	\$4,449	\$103,653
Nov-24		\$156,380		\$156,380	\$4,321	\$107,974
Dec-24		\$156,380		\$156,380	\$4,175	\$112,150
Jan-25		\$156,380		\$156,380	\$4,013	\$116,162
Feb-25		\$156,380		\$156,380	\$3,836	\$119,999

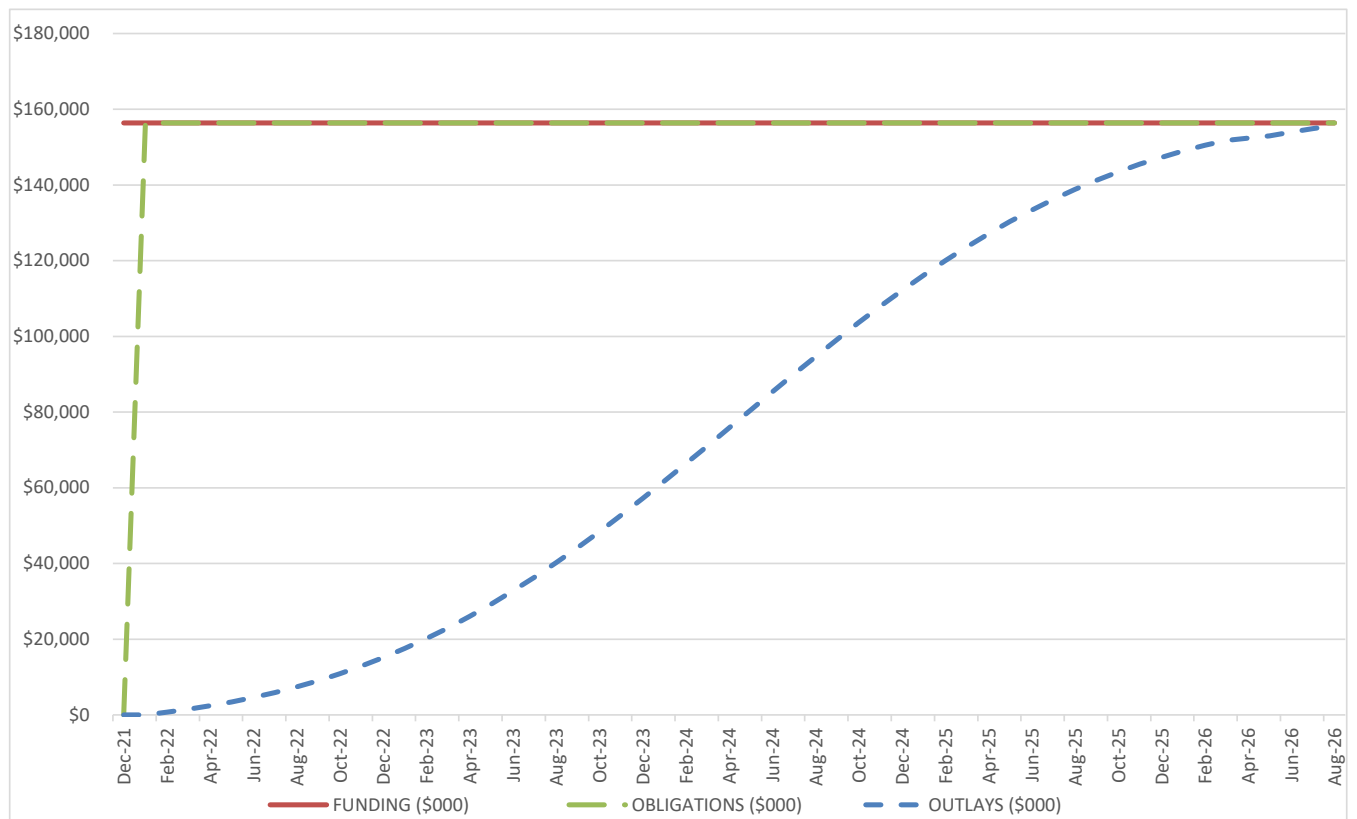
Mar-25		\$156,380		\$156,380	\$3,648	\$123,647
Apr-25		\$156,380		\$156,380	\$3,451	\$127,099
May-25		\$156,380		\$156,380	\$3,248	\$130,347
Jun-25		\$156,380		\$156,380	\$3,040	\$133,387
Jul-25		\$156,380		\$156,380	\$2,831	\$136,217
Aug-25		\$156,380		\$156,380	\$2,622	\$138,839
Sep-25		\$156,380		\$156,380	\$2,416	\$141,255
Oct-25		\$156,380		\$156,380	\$2,214	\$143,469
Nov-25		\$156,380		\$156,380	\$2,018	\$145,487
Dec-25		\$156,380		\$156,380	\$1,830	\$147,317
Jan-26		\$156,380		\$156,380	\$1,651	\$148,968
Feb-26		\$156,380		\$156,380	\$1,481	\$150,449
Mar-26		\$156,380		\$156,380	\$1,322	\$151,771
May-26		\$156,380		\$156,380	\$1,174	\$152,945
Jun-26		\$156,380		\$156,380	\$1,037	\$153,982
Jul-26		\$156,380		\$156,380	\$911	\$154,892
Aug-26		\$156,380		\$156,380	\$796	\$155,688
Sep-26		\$156,380		\$156,380	\$692	\$156,380

PROJECT SPENDING PLAN

Project: FY22 MCON P678 Dry Dock Saltwater System for CVN-78, Portsmouth, Virginia

Project Cost (\$000): \$156,380

As of April 2021



PROJECT SPENDING PLAN

Project: FY22 MCON P719A Wargaming Center (INC); Quantico, Virginia

Project Cost (\$000): \$100,500

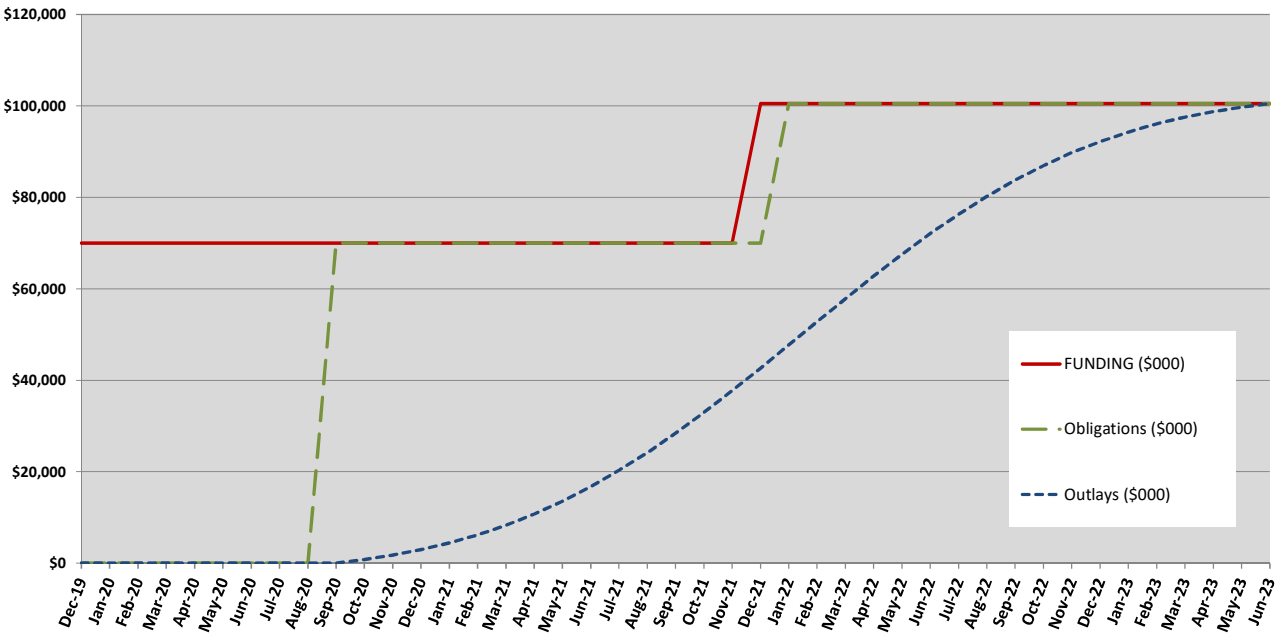
As of April 2021

	FUNDING (\$000)		Obligations (\$000)		Outlays (\$000)	
Month-Year	Monthly	Cumulative	Monthly	Cumulative	Monthly	Cumulative
Dec-19	\$70,000	\$70,000		\$ -		\$ -
Jan-20		\$70,000		\$ -		\$ -
Feb-20		\$70,000		\$ -		\$ -
Mar-20		\$70,000		\$ -		\$ -
Apr-20		\$70,000		\$ -		\$ -
May-20		\$70,000		\$ -		\$ -
Jun-20		\$70,000		\$ -		\$ -
Jul-20		\$70,000		\$ -		\$ -
Aug-20		\$70,000		\$ -		\$ -
Sep-20		\$70,000	\$70,000	\$70,000		\$ -
Oct-20		\$70,000		\$70,000	\$778	\$778
Nov-20		\$70,000		\$70,000	\$976	\$1,754
Dec-20		\$70,000		\$70,000	\$1,208	\$2,962
Jan-21		\$70,000		\$70,000	\$1,473	\$4,435
Feb-21		\$70,000		\$70,000	\$1,769	\$6,204
Mar-21		\$70,000		\$70,000	\$2,094	\$8,298
Apr-21		\$70,000		\$70,000	\$2,443	\$10,741
May-21		\$70,000		\$70,000	\$2,808	\$13,549
Jun-21		\$70,000		\$70,000	\$3,182	\$16,731
Jul-21		\$70,000		\$70,000	\$3,552	\$20,283
Aug-21		\$70,000		\$70,000	\$3,907	\$24,190
Sep-21		\$70,000		\$70,000	\$4,236	\$28,425
Oct-21		\$70,000		\$70,000	\$4,525	\$32,950
Nov-21		\$70,000		\$70,000	\$4,763	\$37,713
Dec-21	\$30,500	\$100,500		\$70,000	\$4,941	\$42,655
Jan-22		\$100,500	\$30,500	\$100,500	\$5,051	\$47,706
Feb-22		\$100,500		\$100,500	\$5,088	\$52,794
Mar-22		\$100,500		\$100,500	\$5,051	\$57,845
Apr-22		\$100,500		\$100,500	\$4,941	\$62,787
May-22		\$100,500		\$100,500	\$4,763	\$67,550
Jun-22		\$100,500		\$100,500	\$4,525	\$72,075
Jul-22		\$100,500		\$100,500	\$4,236	\$76,310
Aug-22		\$100,500		\$100,500	\$3,907	\$80,217
Sep-22		\$100,500		\$100,500	\$3,552	\$83,769
Oct-22		\$100,500		\$100,500	\$3,182	\$86,951
Nov-22		\$100,500		\$100,500	\$2,808	\$89,759
Dec-22		\$100,500		\$100,500	\$2,443	\$92,202
Jan-23		\$100,500		\$100,500	\$2,094	\$94,296
Feb-23		\$100,500		\$100,500	\$1,769	\$96,065
Mar-23		\$100,500		\$100,500	\$1,473	\$97,538
Apr-23		\$100,500		\$100,500	\$1,208	\$98,746
May-23		\$100,500		\$100,500	\$976	\$99,722
Jun-23		\$100,500		\$100,500	\$778	\$100,500

PROJECT SPENDING PLAN

Project: FY22 MCON P719A Wargaming Center (INC); Quantico, Virginia

Project Cost (\$000): \$100,500
As of April 2021



PROJECT SPENDING PLAN

Project: FY22 MCON P305 4th Marines Regiment Facilities, Joint Region Marianas, Guam

Project Cost (\$000): \$ 109,507

As of: Apr. 2021

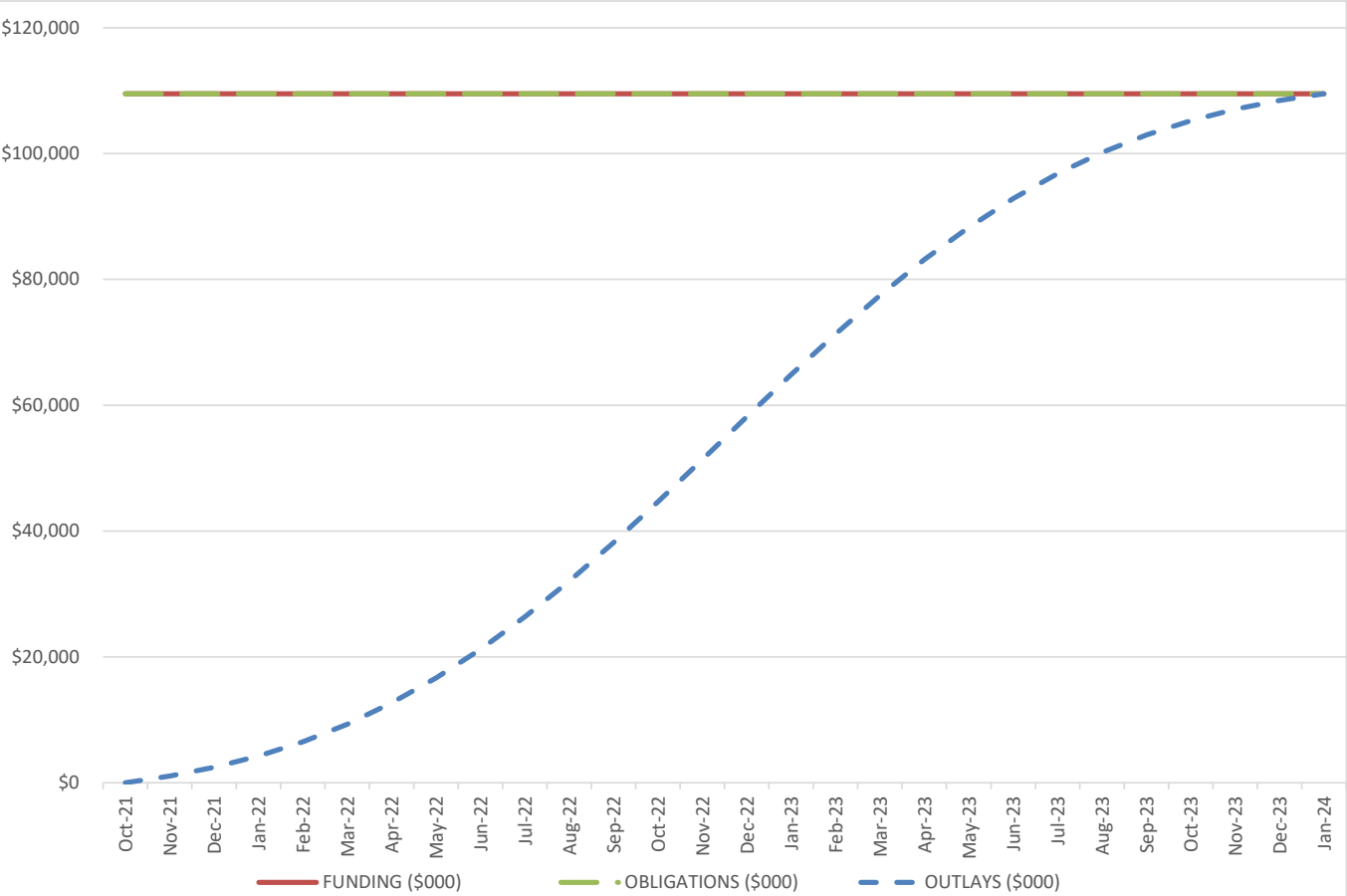
	FUNDING (\$000)		OBLIGATIONS (\$000)		OUTLAYS (\$000)	
Month-Year	Monthly	Cumulative	Monthly	Cumulative	Monthly	Cumulative
Oct-21	\$109,507	\$109,507	\$109,507	\$109,507	\$0	\$0
Nov-21		\$109,507		\$109,507	\$1,064	\$1,064
Dec-21		\$109,507		\$109,507	\$1,399	\$2,463
Jan-22		\$109,507		\$109,507	\$1,800	\$4,263
Feb-22		\$109,507		\$109,507	\$2,265	\$6,528
Mar-22		\$109,507		\$109,507	\$2,790	\$9,318
Apr-22		\$109,507		\$109,507	\$3,361	\$12,679
May-22		\$109,507		\$109,507	\$3,961	\$16,639
Jun-22		\$109,507		\$109,507	\$4,567	\$21,206
Jul-22		\$109,507		\$109,507	\$5,152	\$26,358
Aug-22		\$109,507		\$109,507	\$5,685	\$32,043
Sep-22		\$109,507		\$109,507	\$6,138	\$38,182
Oct-22		\$109,507		\$109,507	\$6,484	\$44,666
Nov-22		\$109,507		\$109,507	\$6,701	\$51,366
Dec-22		\$109,507		\$109,507	\$6,774	\$58,141
Jan-23		\$109,507		\$109,507	\$6,701	\$64,841
Feb-23		\$109,507		\$109,507	\$6,484	\$71,325
Mar-23		\$109,507		\$109,507	\$6,138	\$77,464
Apr-23		\$109,507		\$109,507	\$5,685	\$83,149
May-23		\$109,507		\$109,507	\$5,152	\$88,301
Jun-23		\$109,507		\$109,507	\$4,567	\$92,868
Jul-23		\$109,507		\$109,507	\$3,961	\$96,828
Aug-23		\$109,507		\$109,507	\$3,361	\$100,189
Sep-23		\$109,507		\$109,507	\$2,790	\$102,979
Oct-23		\$109,507		\$109,507	\$2,265	\$105,244
Nov-23		\$109,507		\$109,507	\$1,800	\$107,044
Dec-23		\$109,507		\$109,507	\$1,399	\$108,443
Jan-24		\$109,507		\$109,507	\$1,064	\$109,507

PROJECT SPENDING PLAN

Project: FY22 MCON P305 4th Marines Regiment Facilities, Joint Region Marianas, Guam

Project Cost (\$000): \$ 109,507

As of: Apr. 2021



PROJECT SPENDING PLAN

Project: FY22 MCON P306 Combat Logistics Battalion-4 Facility, Joint Region Marianas, Guam

Project Cost (\$000): \$ 92,710

As of: Apr. 2021

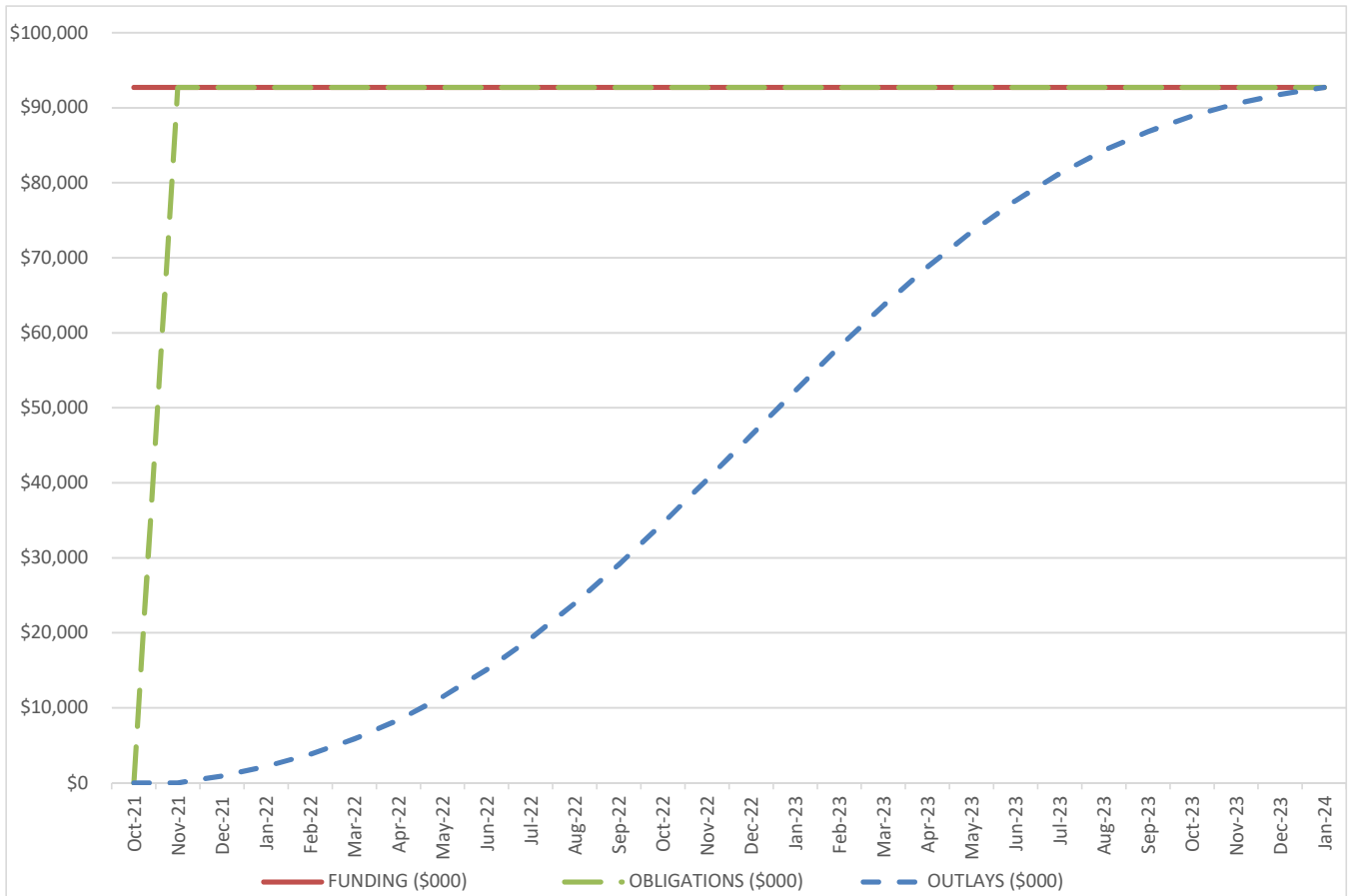
	FUNDING (\$000)		OBLIGATIONS (\$000)		OUTLAYS (\$000)	
Month-Year	Monthly	Cumulative	Monthly	Cumulative	Monthly	Cumulative
Oct-21	\$92,710	\$92,710		\$0	\$0	\$0
Nov-21		\$92,710	\$92,710	\$92,710	\$0	\$0
Dec-21		\$92,710		\$92,710	\$941	\$941
Jan-22		\$92,710		\$92,710	\$1,249	\$2,190
Feb-22		\$92,710		\$92,710	\$1,620	\$3,809
Mar-22		\$92,710		\$92,710	\$2,051	\$5,860
Apr-22		\$92,710		\$92,710	\$2,537	\$8,397
May-22		\$92,710		\$92,710	\$3,065	\$11,462
Jun-22		\$92,710		\$92,710	\$3,616	\$15,078
Jul-22		\$92,710		\$92,710	\$4,166	\$19,244
Aug-22		\$92,710		\$92,710	\$4,689	\$23,933
Sep-22		\$92,710		\$92,710	\$5,153	\$29,086
Oct-22		\$92,710		\$92,710	\$5,532	\$34,618
Nov-22		\$92,710		\$92,710	\$5,799	\$40,417
Dec-22		\$92,710		\$92,710	\$5,938	\$46,355
Jan-23		\$92,710		\$92,710	\$5,938	\$52,293
Feb-23		\$92,710		\$92,710	\$5,799	\$58,092
Mar-23		\$92,710		\$92,710	\$5,532	\$63,624
Apr-23		\$92,710		\$92,710	\$5,153	\$68,777
May-23		\$92,710		\$92,710	\$4,689	\$73,466
Jun-23		\$92,710		\$92,710	\$4,166	\$77,632
Jul-23		\$92,710		\$92,710	\$3,616	\$81,248
Aug-23		\$92,710		\$92,710	\$3,065	\$84,313
Sep-23		\$92,710		\$92,710	\$2,537	\$86,850
Oct-23		\$92,710		\$92,710	\$2,051	\$88,901
Nov-23		\$92,710		\$92,710	\$1,620	\$90,520
Dec-23		\$92,710		\$92,710	\$1,249	\$91,769
Jan-24		\$92,710		\$92,710	\$941	\$92,710

PROJECT SPENDING PLAN

Project: FY22 MCON P306 Combat Logistics Batallion-4 Facility, Joint Region Marianas, Guam

Project Cost (\$000): \$ 92,710

As of: Apr. 2021



PROJECT SPENDING PLAN

Project: FY22 MCON P459B Bachelor Enlisted Quarters H (Inc), Joint Region Marianas, Guam

Project Cost (\$000): \$ 131,200

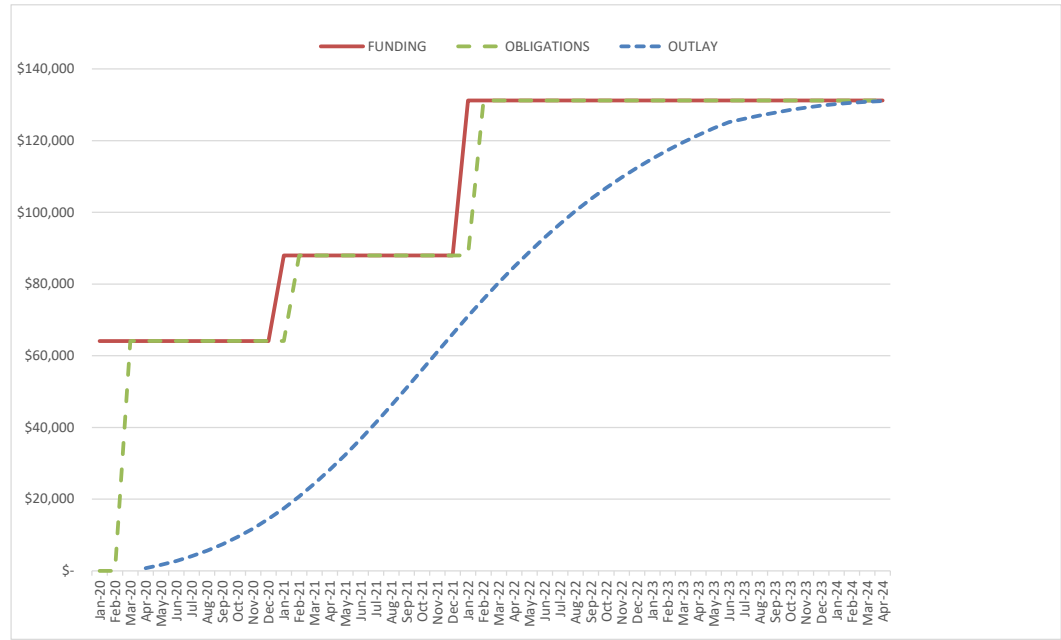
As of: Apr. 2021

	FUNDING		OBLIGATIONS		OUTLAY	
Month-Year	Monthly	Cumulative	Monthly	Cumulative	Monthly	Cumulative
Jan-20	\$64,100	\$64,100		\$0		
Feb-20		\$64,100		\$0		
Mar-20		\$64,100	\$64,100	\$64,100		
Apr-20		\$64,100		\$64,100	\$753	\$753
May-20		\$64,100		\$64,100	\$915	\$1,668
Jun-20		\$64,100		\$64,100	\$1,100	\$2,768
Jul-20		\$64,100		\$64,100	\$1,308	\$4,076
Aug-20		\$64,100		\$64,100	\$1,539	\$5,615
Sep-20		\$64,100		\$64,100	\$1,793	\$7,408
Oct-20		\$64,100		\$64,100	\$2,066	\$9,475
Nov-20		\$64,100		\$64,100	\$2,356	\$11,831
Dec-20		\$64,100		\$64,100	\$2,659	\$14,490
Jan-21	\$23,900	\$88,000		\$64,100	\$2,969	\$17,459
Feb-21		\$88,000	\$23,900	\$88,000	\$3,281	\$20,740
Mar-21		\$88,000		\$88,000	\$3,588	\$24,328
Apr-21		\$88,000		\$88,000	\$3,882	\$28,209
May-21		\$88,000		\$88,000	\$4,156	\$32,366
Jun-21		\$88,000		\$88,000	\$4,404	\$36,769
Jul-21		\$88,000		\$88,000	\$4,617	\$41,386
Aug-21		\$88,000		\$88,000	\$4,790	\$46,176
Sep-21		\$88,000		\$88,000	\$4,917	\$51,093
Oct-21		\$88,000		\$88,000	\$4,996	\$56,089
Nov-21		\$88,000		\$88,000	\$5,022	\$61,111
Dec-21		\$88,000		\$88,000	\$4,996	\$66,107
Jan-22	\$43,200	\$131,200		\$88,000	\$4,917	\$71,024
Feb-22		\$131,200	\$43,200	\$131,200	\$4,790	\$75,814
Mar-22		\$131,200		\$131,200	\$4,617	\$80,431
Apr-22		\$131,200		\$131,200	\$4,404	\$84,834
May-22		\$131,200		\$131,200	\$4,156	\$88,991
Jun-22		\$131,200		\$131,200	\$4,038	\$93,028
Jul-22		\$131,200		\$131,200	\$3,799	\$96,827
Aug-22		\$131,200		\$131,200	\$3,560	\$100,387
Sep-22		\$131,200		\$131,200	\$3,327	\$103,714
Oct-22		\$131,200		\$131,200	\$3,106	\$106,820
Nov-22		\$131,200		\$131,200	\$2,899	\$109,719
Dec-22		\$131,200		\$131,200	\$2,707	\$112,426
Jan-23		\$131,200		\$131,200	\$2,529	\$114,954
Feb-23		\$131,200		\$131,200	\$2,361	\$117,316
Mar-23		\$131,200		\$131,200	\$2,201	\$119,517
Apr-23		\$131,200		\$131,200	\$2,044	\$121,561
May-23		\$131,200		\$131,200	\$1,886	\$123,447
Jun-23		\$131,200		\$131,200	\$1,724	\$125,171
Jul-23		\$131,200		\$131,200	\$944	\$126,115
Aug-23		\$131,200		\$131,200	\$893	\$127,008
Sep-23		\$131,200		\$131,200	\$822	\$127,830
Oct-23		\$131,200		\$131,200	\$736	\$128,566
Nov-23		\$131,200		\$131,200	\$641	\$129,207
Dec-23		\$131,200		\$131,200	\$542	\$129,749
Jan-24		\$131,200		\$131,200	\$447	\$130,196
Feb-24		\$131,200		\$131,200	\$358	\$130,554
Mar-24		\$131,200		\$131,200	\$279	\$130,833
Apr-24		\$131,200		\$131,200	\$211	\$131,044
May-24		\$131,200		\$131,200	\$156	\$131,200

PROJECT SPENDING PLAN

Project: FY22 MCON P459B Bachelor Enlisted Quarters H (Inc), Joint Region Marianas, Guam

Project Cost (\$000): \$ 131,200
As of: Apr. 2021



PROJECT SPENDING PLAN

Project: FY22 MCON P519 X-Ray Wharf Berth 2; Joint Region Marianas, Guam

Project Cost (\$000): \$103,800

As of Apr. 2021

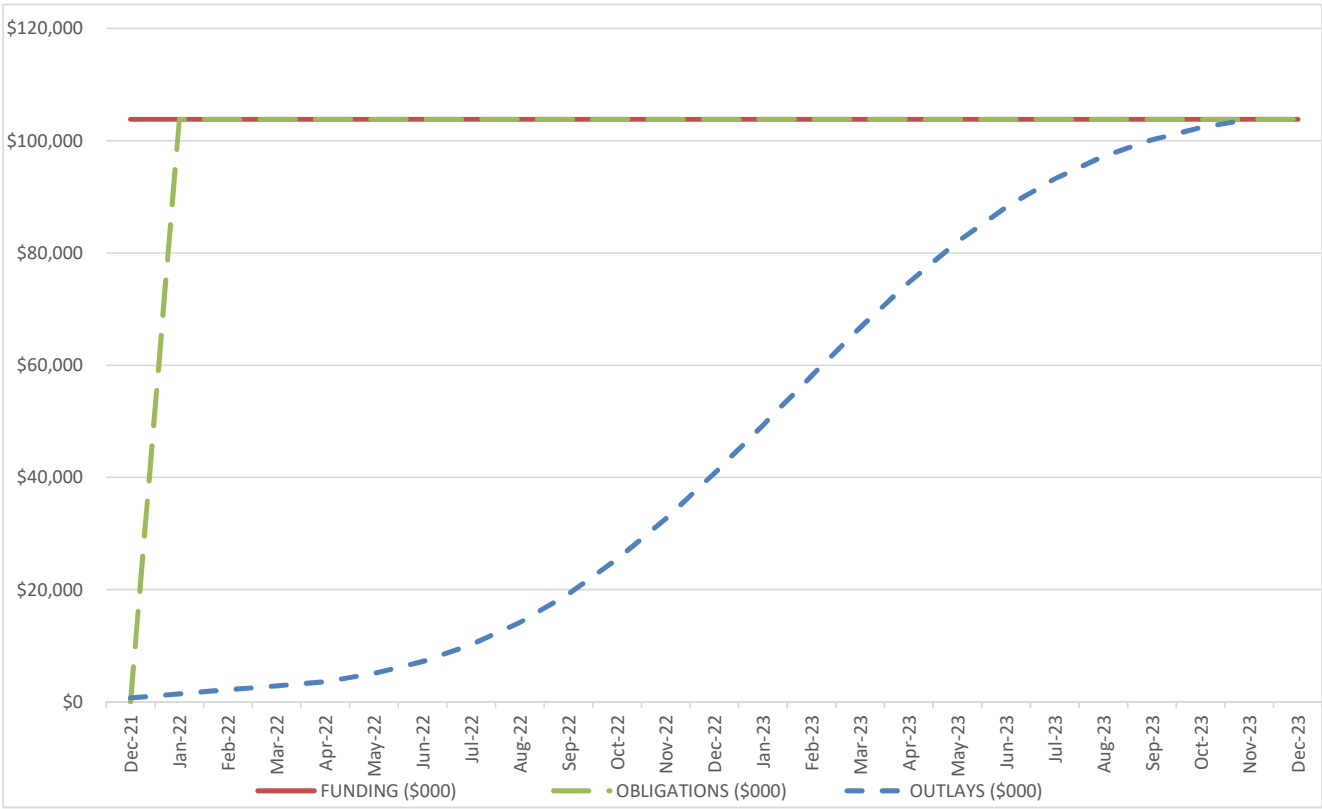
	FUNDING (\$000)		OBLIGATIONS (\$000)		OUTLAYS (\$000)	
Month-Year	Monthly	Cumulative	Monthly	Cumulative	Monthly	Cumulative
Dec-21	\$103,800	\$103,800	\$0	\$0	\$ -	\$ -
Jan-22		\$103,800	\$103,800	\$103,800	\$718	\$718
Feb-22		\$103,800		\$103,800	\$718	\$1,436
Mar-22		\$103,800		\$103,800	\$718	\$2,154
Apr-22		\$103,800		\$103,800	\$718	\$2,872
May-22		\$103,800		\$103,800	\$718	\$3,590
Jun-22		\$103,800		\$103,800	\$1,472	\$5,062
Jul-22		\$103,800		\$103,800	\$2,142	\$7,204
Aug-22		\$103,800		\$103,800	\$2,983	\$10,187
Sep-22		\$103,800		\$103,800	\$3,975	\$14,163
Oct-22		\$103,800		\$103,800	\$5,068	\$19,230
Nov-22		\$103,800		\$103,800	\$6,182	\$25,412
Dec-22		\$103,800		\$103,800	\$7,215	\$32,628
Jan-23		\$103,800		\$103,800	\$8,057	\$40,685
Feb-23		\$103,800		\$103,800	\$8,609	\$49,294
Mar-23		\$103,800		\$103,800	\$8,801	\$58,096
Apr-23		\$103,800		\$103,800	\$8,609	\$66,705
May-23		\$103,800		\$103,800	\$8,057	\$74,762
Jun-23		\$103,800		\$103,800	\$7,215	\$81,978
Jul-23		\$103,800		\$103,800	\$6,182	\$88,160
Aug-23		\$103,800		\$103,800	\$5,068	\$93,227
Sep-23		\$103,800		\$103,800	\$3,975	\$97,203
Oct-23		\$103,800		\$103,800	\$2,983	\$100,186
Nov-23		\$103,800		\$103,800	\$2,142	\$102,328
Dec-23		\$103,800		\$103,800	\$1,472	\$103,800

PROJECT SPENDING PLAN

Project: FY22 MCON P519 X-Ray Wharf Berth 2; Joint Region Marianas, Guam

Project Cost (\$000): \$103,800

As of Apr. 2021



PROJECT SPENDING PLAN

Project: FY21 MCON P649A Joint Communication Upgrade (Inc); Joint Region Marianas, Guam

Project Cost (\$000): \$166,000

As of May 2021

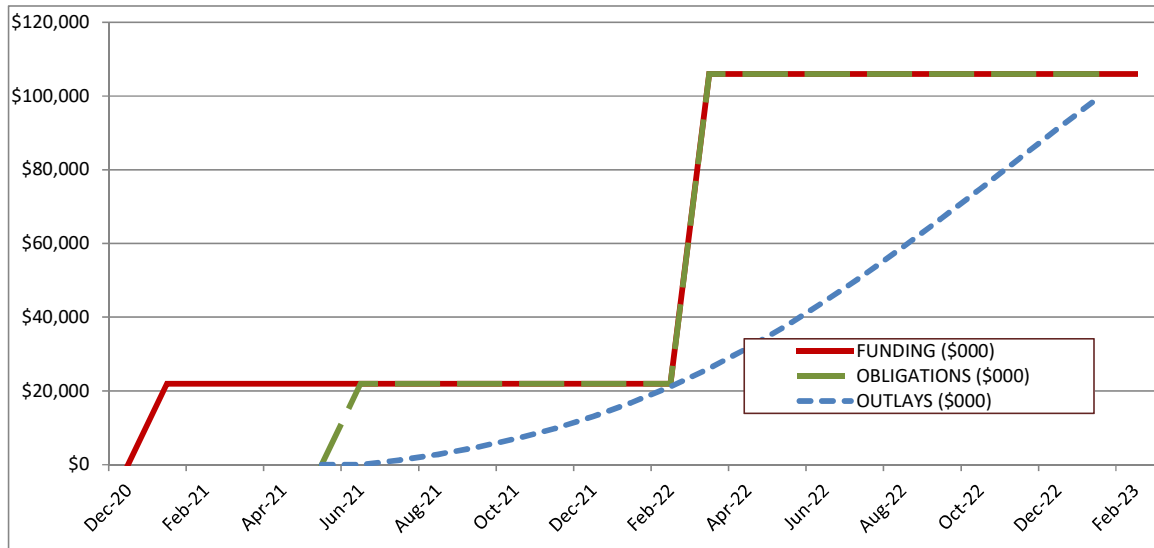
Month-Year	FUNDING (\$000)		OBLIGATIONS (\$000)		OUTLAYS (\$000)	
	Enacted	Cumulative	Obligated	Cumulative	Monthly	Cumulative
Dec-20	\$0	\$0				
Jan-21	\$22,000	\$22,000				
Feb-21		\$22,000				
Mar-21		\$22,000				
Apr-21		\$22,000				
May-21		\$22,000				
Jun-21		\$22,000	\$0	\$0	\$0	\$0
Jul-21		\$22,000	\$22,000	\$22,000	\$0	\$0
Aug-21		\$22,000		\$22,000	\$1,242	\$1,242
Sep-21		\$22,000		\$22,000	\$1,550	\$2,792
Oct-21		\$22,000		\$22,000	\$1,907	\$4,700
Nov-21		\$22,000		\$22,000	\$2,314	\$7,014
Dec-21		\$22,000		\$22,000	\$2,770	\$9,784
Jan-22		\$22,000		\$22,000	\$3,270	\$13,054
Feb-22		\$22,000		\$22,000	\$3,807	\$16,861
Mar-22	\$84,000	\$106,000		\$22,000	\$4,372	\$21,233
Apr-22		\$106,000	\$84,000	\$106,000	\$4,951	\$26,184
May-22		\$106,000		\$106,000	\$5,530	\$31,714
Jun-22		\$106,000		\$106,000	\$6,092	\$37,805
Jul-22		\$106,000		\$106,000	\$6,619	\$44,424
Aug-22		\$106,000		\$106,000	\$7,092	\$51,516
Sep-22		\$106,000		\$106,000	\$7,495	\$59,012
Oct-22		\$106,000		\$106,000	\$7,813	\$66,824
Nov-22		\$106,000		\$106,000	\$8,032	\$74,856
Dec-22		\$106,000		\$106,000	\$8,144	\$83,000
Jan-23		\$106,000		\$106,000	\$8,144	\$91,144
Feb-23		\$106,000		\$106,000	\$8,032	\$99,176

PROJECT SPENDING PLAN

Project: FY21 MCON P649A Joint Communication Upgrade (Inc); Joint Region Marianas, Guam

Project Cost (\$000): \$166,000

As of May 2021



PROJECT SPENDING PLAN

Project: FY22 MCON P030B Pier 5 (Berths 2 and 3) (Inc); Yokosuka, Japan

Project Cost (\$000): \$ 174,692

As of: April 2021

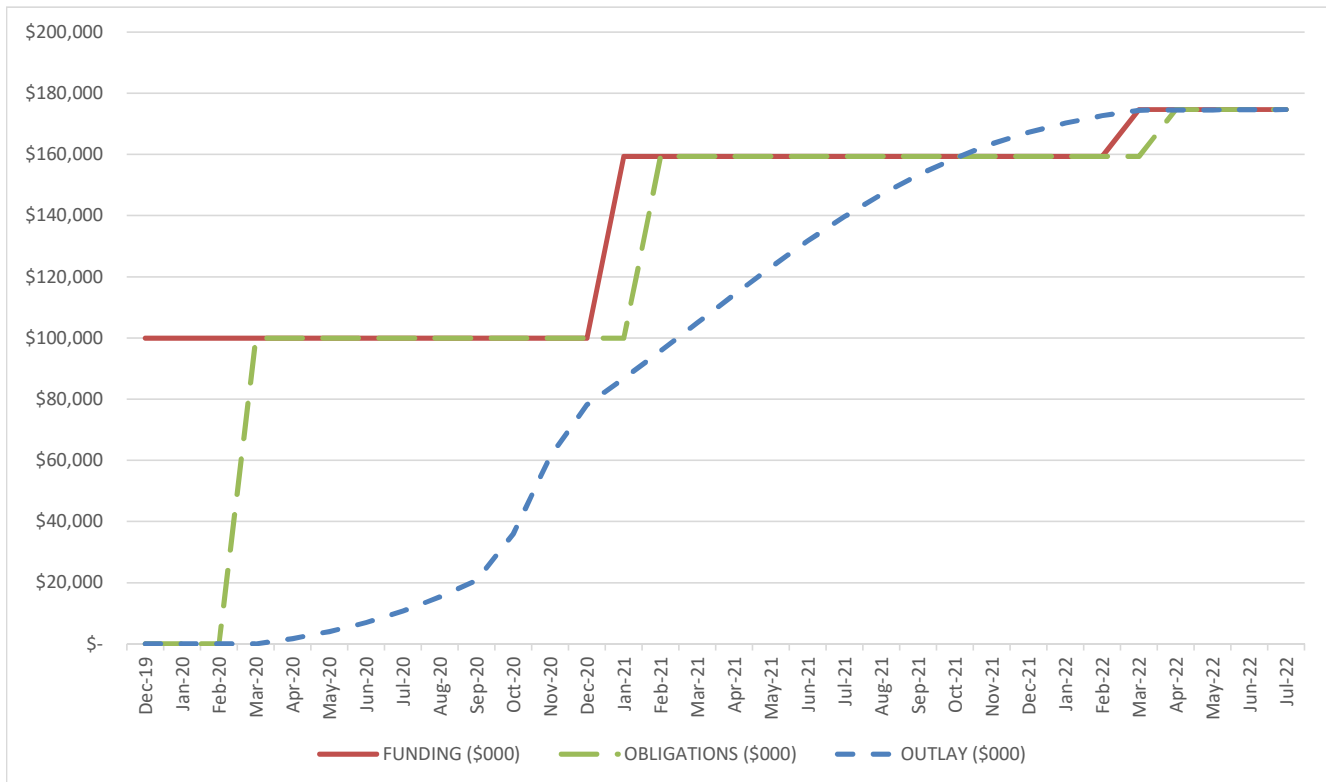
	FUNDING (\$000)		OBLIGATIONS (\$000)		OUTLAY (\$000)	
Month-Year	Monthly	Cumulative	Monthly	Cumulative	Monthly	Cumulative
Dec-19	\$100,000	\$100,000		\$0		\$0
Jan-20		\$100,000		\$0		\$0
Feb-20		\$100,000		\$0		\$0
Mar-20		\$100,000	\$100,000	\$100,000		\$0
Apr-20		\$100,000		\$100,000	\$1,735	\$1,735
May-20		\$100,000		\$100,000	\$2,319	\$4,053
Jun-20		\$100,000		\$100,000	\$2,977	\$7,031
Jul-20		\$100,000		\$100,000	\$3,729	\$10,760
Aug-20		\$100,000		\$100,000	\$4,556	\$15,316
Sep-20		\$100,000		\$100,000	\$5,429	\$20,745
Oct-20		\$100,000		\$100,000	\$15,301	\$36,046
Nov-20		\$100,000		\$100,000	\$25,303	\$61,349
Dec-20		\$100,000		\$100,000	\$16,900	\$78,249
Jan-21	\$59,400	\$159,400		\$100,000	\$8,531	\$86,781
Feb-21		\$159,400	\$59,400	\$159,400	\$8,975	\$95,756
Mar-21		\$159,400		\$159,400	\$9,210	\$104,965
Apr-21		\$159,400		\$159,400	\$9,218	\$114,183
May-21		\$159,400		\$159,400	\$9,000	\$123,183
Jun-21		\$159,400		\$159,400	\$8,571	\$131,754
Jul-21		\$159,400		\$159,400	\$7,963	\$139,717
Aug-21		\$159,400		\$159,400	\$7,216	\$146,933
Sep-21		\$159,400		\$159,400	\$6,380	\$153,313
Oct-21		\$159,400		\$159,400	\$5,503	\$158,816
Nov-21		\$159,400		\$159,400	\$4,631	\$163,447
Dec-21		\$159,400		\$159,400	\$3,802	\$167,248
Jan-22		\$159,400		\$159,400	\$3,046	\$170,294
Feb-22		\$159,400		\$159,400	\$2,381	\$172,675
Mar-22	\$15,292	\$174,692		\$159,400	\$1,816	\$174,491
Apr-22		\$174,692	\$15,292	\$174,692	\$68	\$174,559
May-22		\$174,692		\$174,692	\$55	\$174,614
Jun-22		\$174,692		\$174,692	\$44	\$174,658
Jul-22		\$174,692		\$174,692	\$34	\$174,692

PROJECT SPENDING PLAN

Project: FY22 MCON P030B Pier 5 (Berths 2 and 3) (Inc); Yokosuka, Japan

Project Cost (\$000): \$ 174,692

As of: April 2021



Host Country In-Kind Contributions Projects

Table of Contents

- Camp Mujuk, Pohang, South Korea
 - ROKFC Project M23R400; Construct Expeditionary Dining Facility

Blank Page

1. COMPONENT MARINE CORPS		Republic of Korea Funded Construction (ROKFC)		2. DATE: 29 June 2019	
3. INSTALLATION AND LOCATION Camp Mujuk, Pohang, South Korea			4. PROJECT TITLE: Construct Expeditionary Dining Facility		
5. PROGRAM ELEMENT: N/A	6. CATEGORY CODE: 72210	7. PROJECT NUMBER: M23R400	8. PROJECT COST (\$000): 10,200		
9. COST ESTIMATE					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
Primary Facility (13,806 SF)					7,662
Expeditionary Dining Facility (CC 72210)		m2	1,282	5,103	(6,542)
Information Systems		LS	1		(80)
Anti-Terrorism/Force Protection (Building)		LS	1		(440)
Built in Equipment		LS	1		(420)
Operation and Maintenance Support Information (OMSI)		LS	1		(50)
LEED and EPA 2005 Compliance		LS	1		(130)
Supporting Facilities					1,487
Site Preparation		LS	1		(260)
Special Foundation System		LS	1		(152)
Paving and Site Improvements		LS	1		(158)
Electrical Utilities		LS	1		(96)
Mechanical Utilities		LS	1		(254)
Communication Utilities		LS	1		(68)
Anti-Terrorism/Force Protection (Site)		LS	1		(120)
Demolition		LS	1		(379)
Sub-Total					9,149
Contingency (5%)					(457)
Total Contract Cost					9,606
Supervision, Inspection & Overhead (6.0%)					(574)
Total Request					10,183
Total Request (Rounded)					10,200
10. DESCRIPTION OF PROPOSED CONSTRUCTION					
<p>Utilize Host Nation Funded Construction to construct a single story reinforced concrete expeditionary dining facility with a reinforced concrete slab and walls, structural steel framing, and standing seam metal roof. Interior finishes to be vinyl composition tile/epoxy coated exposed slab, painted exposed concrete walls and suspended acoustical tile/painted wallboard ceilings. Facility includes chill boxes, freezers storage and heads. Sustainable features will be included in the design of the project in accordance with Executive Order 13123 and other laws and Executive Orders.</p>					

1. COMPONENT MARINE CORPS		Republic of Korea Funded Construction (ROKFC)		2. DATE: 29 June 2019	
3. INSTALLATION AND LOCATION Camp Mujuk, Pohang, South Korea			4. PROJECT TITLE: Construct Expeditionary Dining Facility		
5. PROGRAM ELEMENT: N/A	6. CATEGORY CODE: 72210	7. PROJECT NUMBER: M23R400	8. PROJECT COST (\$000): 10,200		

Built in equipment includes a backup generator with automatic transfer switch and a waste pulper for processing food waste prior to the waste entering the sanitary sewer system.

Supporting facilities include site and utility building connections (water, sanitary sewer, electrical, telephone, local area network and cable television (CATV)).

Electrical systems include fire alarms with digital fire alarm control panel wired to the Provost Marshall's office, exterior site and building lighting, and information systems.

Mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Paving and site improvements include directional signage, concrete sidewalks, curbs and gutters, paved and lighted parking.

Site preparation includes earthwork, grading, landscaping, and storm water management. Erosion control and noise reduction measures are provided for as well. Project also includes Technical Operating Manuals and Building and site Anti-Terrorism/Force Protection features.

This project will demolish Building 1008, 1,282 m2 (13806 SF) of substandard dining facility space.

11. Facility Planning Data
REQ:1,912 m2 (20,585 SF) **ADQT:** 630 m2(6,779 SF) **SUBSTD:** 1,282 m2 (13,806 SF)

Scope:
The project scope was derived using UFC 2-000-05N guidance for category code 722.10, "Enlisted Dining Facility". The enlisted dining facility is sized based on the Basic Facility Requirements provided in the Camp Mujuk Master Plan.

Project:
Project will replace an existing undersized and inadequate facility with a new larger expeditionary dining facility to support transient training units utilizing Camp Mujuk as a life support area during training operations and tenant units during a contingency situation.

(Existing Mission)
Requirement:

- Camp Mujuk provides facilities, facilities maintenance, life support, and training coordination for visiting Marine Corps units on a continual basis in order to facilitate combined training with Republic of Korea (ROK) military units during peacetime and support to tenant units during contingency.
- Camp Mujuk has a requirement for an expeditionary food service facility to serve all transient personnel that utilize the life support areas during KMEP and other exercises.
- Dining facilities are required to provide short order and regular meal services.

Current Situation:

- The existing mess hall is undersized and cannot support the current requirement, which results in meal evolutions having to be extended, directly impacting training exercises as well as shortening the life of both facilities and equipment.
- Non-existent waste management. During surges of troops due to exercises, the amount of waste produced by the current dining infrastructure leaves no room for proper management of waste, leading to changes in wild life behavior, thus endangering personnel on the installation. The waste produced is amassed behind the current dining facility, which is also a pathway that leads to other facilities on the installation. Encounters with wild cats, rodents, and birds increases significantly whenever we open the current expeditionary dining facility for visiting/training personnel.
- The facility does not meet current ATFP standards for standoff distances or unobstructed space requirements.
- Interior space layouts are inefficient or not acceptable for administrative and food preparation activities. Interior building surfaces (floors, walls, and ceilings) show extensive wear and surface deterioration. Camp Mujuk Facilities Department has executed numerous work orders on the electrical and mechanical systems to keep this facility operational, but the building systems have deteriorated to the point that reliability is questionable.
- The current facility is located in the permanent personnel district of the camp, whereas the training units are located in the expeditionary district. This creates safety concerns as the troops utilizing the current facility mix with traffic on the narrow streets as they journey to the dining facility three times a day.
- IAW OUSD Memorandum of 11 Feb, 2014, Floodplain Management on Department of Defense Installations, project is not located within the 100yr floodplain.

Impact If Not Provided:

- Further building deterioration and escalating maintenance costs will continue to limit the quality of food service provided.
- Continued encounter with wildlife, creating a hazardous health and safety issue.

Benefit If Provided:

Construction of the new facility will reduce safety risks and improve the sanitary conditions and quality of life for Marines at Camp Mujuk.

ADDITIONAL:

1. This project has been coordinated with the 2017 Camp Mujuk Installation Master Plan. It is located on an enduring installation that will be retained by United States Forces Korea (USFK) and Marine Corps Forces Korea (MARFOR-K).
2. The possibility of Host Nation funding has been addressed. Funds from Host Nation programs are available to support this requirement. All known alternatives were considered during development of this project. No other feasible alternative could meet mission requirements. Therefore, an economic analysis was not needed or conducted.
3. Construction is planned on land already granted to USFK by the Republic of Korea government and no

explosive safety site approval is required prior to construction of this project. No portion of the proposed facility is intended for Republic of Korea personnel exclusive or primary use.

DEPARTMENT OF THE NAVY
FISCAL YEAR (FY) 2022
BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES
May 2021

Family Housing

BLANK PAGE

DEPARTMENT OF THE NAVY

NAVY/MARINE CORPS MILITARY FAMILY HOUSING

PRESIDENT’S BUDGET SUBMISSION

FISCAL YEAR 2022

INDEX

	<u>Page</u>
INDEX	1
SUMMARY	
DON Narrative Summary	3
DON Program Summary	5
DoN Inadequate Unit Elimination Exhibit (FH-11)	7
Navy Inadequate Unit Elimination Exhibits (FH-11/8)	9
Marine Corps Inadequate Unit Elimination Exhibits (FH-11/8)	15
LEGISLATIVE LANGUAGE	21
NEW CONSTRUCTION	
DON New Construction Summary	23
CONSTRUCTION IMPROVEMENTS	
DON Construction Improvements Summary	25
Navy Construction Improvements Summary	27
COMFLEACT Yokosuka	
<i>DD Form 1391 (HY-22-02)</i>	29
Marine Corps Construction Improvements Summary	33
Marine Barracks Washington 8th & I Street	
<i>DD Form 1391 (H2203)</i>	35
ADVANCE PLANNING AND DESIGN	
DON Advance Planning and Design Summary	41
O&M SUMMARY	
DON Operations and Maintenance Summary	43
DON Inventory Summary (FH-2)	45
Navy Inventory Summary (FH-2)	47
Marine Corps Inventory Summary (FH-2)	51
OPERATIONS	
DON Operations Summary	55
Navy Operations Exhibits (OP-5)	57
Marine Corps Operations Exhibits (OP-5)	61
UTILITIES	
DON Utilities Summary	65
Navy Utilities Exhibit (OP-5)	67
Marine Corps Utilities Exhibit (OP-5)	69

MAINTENANCE

DON Maintenance Summary	71
Navy Maintenance Exhibit (OP-5)	73
Marine Corps Maintenance Exhibit (OP-5)	75

MAINTENANCE & REPAIR OVER \$20K

DON M&R Over \$20K Exhibit	77
----------------------------	----

GFOQ MAINTENANCE & REPAIR OVER \$35K

DON GFOQ Summary	79
Navy GFOQ M&R Over \$35K Exhibit	81
Navy GFOQ O&M Over \$35K Exhibit (FH-5)	82
Navy Privatized GFOQ O&M Over \$50K Exhibit (FH-12)	83
Marine Corps GFOQ M&R Over \$35K Exhibit	85
Marine Corps GFOQ O&M Over \$35K Exhibit (FH-5)	86
Marine Corps Privatized GFOQ O&M Over \$50K Exhibit (FH-12)	87

REIMBURSABLE PROGRAM

DON Reimbursables Summary	89
Navy Reimbursables Exhibit (OP-5)	91
Marine Corps Reimbursables Exhibit (OP-5)	93

LEASING

DON Leasing Summary	95
Navy Leasing Summary & Exhibit (FH-4)	97
Navy Leasing Exhibit (OP-5)	101
Marine Corps Leasing Summary & Exhibit (FH-4)	103
Marine Corps Leasing Exhibit (OP-5)	107

HOUSING PRIVATIZATION SUPPORT

DON PPV Summary	109
Navy PPV Summary	111
Navy Housing PPV Detailed Summary (FH-6)	113
Navy Privatization Exhibit (OP-5)	115
Marine Corps PPV Summary	117
Marine Corps PPV Detailed Summary (FH-6)	119
Marine Corps Privatization Exhibit (OP-5)	121

FOREIGN CURRENCY

Navy Foreign Currency Exchange Data (PB-18)	123
Marine Corps Foreign Currency Exchange Data (PB-18)	125

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
NARRATIVE SUMMARY

The Department of the Navy (DON) request supports the operation, maintenance, leasing, privatization oversight, and construction for military family housing worldwide. This DON request reflects the Department's commitment to provide adequate homes to service members and their families. To achieve this goal, the DON must balance the revitalization of inadequate homes with the proper maintenance and upkeep of existing housing inventory, keeping it comparable to modern-day industry standards.

This budget estimate emphasizes utilizing whole-house improvement for family housing construction. The program's goal is to increase the useful life and livability of homes, ensure they are up to Department of Defense standards, making them more energy efficient and cheaper to maintain.

The DON's family housing operations request indicates the minimum funding needed to provide military families with adequate housing either through the private community or in government quarters. This funding request predominantly supports "must fund" requirements including utilities, lease contracts, service contracts, and maintenance necessary for the daily operations and upkeep of DON homes.

The DON budget request represents a program that balances modernization of inadequate units and proper sustainment of the current inventory within fiscal constraints.

BLANK PAGE

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
PROGRAM SUMMARY

(\$000)

	FY 2022 Budget Request	\$434,957
	FY 2021 Program Budget	\$389,390
FY 2021 Enactment - Family Housing Support and Management Costs*	\$20,000	
Total FY 2021 Appropriation		\$409,390

Purpose and Scope

This program provides for the support of military family housing functions within the Department of the Navy.

Program Summary

Authorization is requested for:

- (1) The performance of certain construction summarized hereafter; and
- (2) The appropriation of \$434,957,000
 - (a) to fund this construction; and
 - (b) to partially fund certain other functions already authorized in existing legislation.

A summary of the funding program for Fiscal Year 2022 follows (\$000):

<u>Program</u>	<u>Navy</u>	<u>Marine Corps</u>	<u>DON Total</u>
<u>FH Construction</u>			
New Construction	0	0	0
Improvements	61,469	10,415	71,884
Planning and Design	3,634	2,098	5,732
Appropriation Request	65,103	12,513	77,616
Reimbursements	0	0	0
Sub-total FH Construction	65,103	12,513	77,616
<u>FH Operations</u>			
Management	48,284	5,799	54,083
Services	14,829	2,808	17,637
Furnishings	14,174	2,363	16,537
Miscellaneous	285	0	285
Utilities	49,499	6,772	56,271
Maintenance	83,480	11,937	95,417
Leasing	61,747	820	62,567
Privatization	34,069	20,475	54,544
Appropriation Request	306,367	50,974	357,341
Reimbursements	17,302	1,811	19,113
Sub-total FH Operations	323,669	52,785	376,454
Total FY22 Budget Request	371,470	63,487	434,957

* Funds provided by Congress in FY 2021 for additional Family Housing support and management are three-year appropriated funds.

BLANK PAGE

DEPARTMENT OF THE NAVY, NAVY
FH-11 Inventory and Condition of Government-Owned, Family Housing Units
WORLDWIDE
(Number of Dwelling Units in Inventory)
Fiscal Year 2022

	Number of Units - Worldwide						
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Beginning of FY Adequate Inventory Total	8,077	8,040	8,148	8,054	7,974	7,867	7,796
CI of 90% to 100% (Good Condition)	4,800	4,765	4,559	4,492	4,100	4,012	3,658
CI of 80% to 89% (Fair Condition)	3,277	3,275	3,589	3,562	3,874	3,855	4,138
Beginning of FY Inadequate Inventory Total	608	567	605	699	775	550	589
CI of 60% to 79% (Poor Condition)	579	538	592	686	775	550	589
CI of 59% and below (Failing Condition)	29	29	13	13	0	0	0
Beginning of FY Total Inventory	8,685	8,607	8,753	8,753	8,749	8,417	8,385
Percent Adequate - Beginning of FY Inventory	93%	93%	93%	92%	91%	93%	93%
Inadequate Inventory Reduced Through:	(41)	38	94	76	(225)	39	136
Construction (MILCON)	(16)	(28)	(88)	(87)	(149)	(72)	(39)
Maintenance & Repair (O&M)	0	0	0	(59)	0	0	0
Privatization	0	0	0	0	0	0	0
Demolition/Divestiture/Diversion/Conversion	(35)	(27)	0	0	(93)	(68)	0
Funded by Host Nation	0	0	0	0	0	0	0
Additional Inadequate Units Identified ¹	10	93	182	222	17	179	175
Adequate Inventory Changes:	(43)	173	0	(4)	(239)	36	0
Privatization	0	0	0	0	0	0	0
Loss - Demo/Divestiture/Diversion/Conversion	(50)	(13)	0	(4)	(265)	0	0
Gain - FHCON/Host Nation/Diversion/Conversion	7	186	0	0	26	36	0
End of FY Adequate Inventory Total	8,040	8,148	8,054	7,974	7,867	7,796	7,660
CI of 90% to 100% (Good Condition)	4,765	4,559	4,492	4,100	4,012	3,658	3,292
CI of 80% to 89% (Fair Condition)	3,275	3,589	3,562	3,874	3,855	4,138	4,368
End of FY Inadequate Inventory Total	567	605	699	775	550	589	725
CI of 60% to 79% (Poor Condition)	538	592	686	775	550	589	725
CI of 59% and below (Failing Condition)	29	13	13	0	0	0	0
End of FY Total Inventory	8,607	8,753	8,753	8,749	8,417	8,385	8,385
Percent Adequate - End of FY Inventory	93%	93%	92%	91%	93%	93%	91%
DoD Performance Goal - 90% of World-wide inventory at FCI of at least 80% (Good or Fair Condition)	90%	90%	90%	90%	90%	90%	90%

BLANK PAGE

DEPARTMENT OF THE NAVY, NAVY
FH-11 Inventory and Condition of Government-Owned, Family Housing Units
WORLDWIDE
(Number of Dwelling Units in Inventory)
Fiscal Year 2022

	Number of Units - Worldwide						
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Beginning of FY Adequate Inventory Total	6,589	6,541	6,625	6,443	6,312	6,199	6,110
CI of 90% to 100% (Good Condition)	3,635	3,592	3,370	3,239	2,812	2,718	2,355
CI of 80% to 89% (Fair Condition)	2,954	2,949	3,255	3,204	3,500	3,481	3,755
Beginning of FY Inadequate Inventory Total	228	197	259	441	568	349	406
CI of 60% to 79% (Poor Condition)	199	168	246	428	568	349	406
CI of 59% and below (Failing Condition)	29	29	13	13	0	0	0
Beginning of FY Total Inventory	6,817	6,738	6,884	6,884	6,880	6,548	6,516
Percent Adequate - Beginning of FY Inventory	97%	97%	96%	94%	92%	95%	94%
Inadequate Inventory Reduced Through:	(31)	62	182	127	(219)	57	140
Construction (MILCON)	0	(4)	0	(36)	(143)	(54)	(35)
Maintenance & Repair (O&M)	0	0	0	(59)	0	0	0
Privatization	0	0	0	0	0	0	0
Demolition/Divestiture/Diversion/Conversion	(35)	(27)	0	0	(93)	(68)	0
Funded by Host Nation	0	0	0	0	0	0	0
Additional Inadequate Units Identified ¹	4	93	182	222	17	179	175
Adequate Inventory Changes:	(44)	173	0	(4)	(239)	36	0
Privatization	0	0	0	0	0	0	0
Loss - Demo/Divestiture/Diversion/Conversion	(50)	(13)	0	(4)	(265)	0	0
Gain - FHCON/Host Nation/Diversion/Conversion	6	186	0	0	26	36	0
End of FY Adequate Inventory Total	6,541	6,625	6,443	6,312	6,199	6,110	5,970
CI of 90% to 100% (Good Condition)	3,592	3,370	3,239	2,812	2,718	2,355	2,060
CI of 80% to 89% (Fair Condition)	2,949	3,255	3,204	3,500	3,481	3,755	3,910
End of FY Inadequate Inventory Total	197	259	441	568	349	406	546
CI of 60% to 79% (Poor Condition)	168	246	428	568	349	406	546
CI of 59% and below (Failing Condition)	29	13	13	0	0	0	0
End of FY Total Inventory	6,738	6,884	6,884	6,880	6,548	6,516	6,516
Percent Adequate - End of FY Inventory	97%	96%	94%	92%	95%	94%	92%
DoD Performance Goal - 90% of World-wide inventory at FCI of at least 80% (Good or Fair Condition)	90%	90%	90%	90%	90%	90%	90%
NOTE: 1 - Condition Assessments are conducted on a rolling basis. As results are received, condition ratings are updated. This can result in homes previously identified as "Adequate" being re-rated as "Inadequate" and vice versa.							
Explanation of Navy's Housing Investment Strategy From FY 2020 to FY 2026, the Navy will address 554 inadequate homes through various methods. This reduction is offset by a corresponding growth of 872 inadequate homes, based on modeled degradation, over the same period. However, based on current investment, the Navy is able to maintain the OSD goal of 90% of our homes as adequate over the entire FYDP.							

DEPARTMENT OF THE NAVY, NAVY
FH-11 Inventory and Condition of Government-Owned, Family Housing Units
UNITED STATES (CONUS plus Hawaii and Alaska)
(Number of Dwelling Units in Inventory)
Fiscal Year 2022

	Number of Units - U.S.						
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Beginning of FY Adequate Inventory Total	23	21	21	21	17	17	17
CI of 90% to 100% (Good Condition)	21	21	21	21	17	17	17
CI of 80% to 89% (Fair Condition)	2	0	0	0	0	0	0
Beginning of FY Inadequate Inventory Total	0	0	0	0	0	0	0
CI of 60% to 79% (Poor Condition)	0	0	0	0	0	0	0
CI of 59% and below (Failing Condition)	0	0	0	0	0	0	0
Beginning of FY Total Inventory	23	21	21	21	17	17	17
Percent Adequate - Beginning of FY Inventory	100%	100%	100%	100%	100%	100%	100%
Inadequate Inventory Reduced Through:	0	0	0	0	0	0	0
Construction (MILCON)	0	0	0	0	0	0	0
Maintenance & Repair (O&M)	0	0	0	0	0	0	0
Privatization	0	0	0	0	0	0	0
Demolition/Divestiture/Diversion/Conversion	0	0	0	0	0	0	0
Funded by Host Nation	0	0	0	0	0	0	0
Additional Inadequate Units Identified	0	0	0	0	0	0	0
Adequate Inventory Changes:	(2)	0	0	(4)	0	0	0
Privatization	0	0	0	0	0	0	0
Loss - Demo/Divestiture/Diversion/Conversion	(2)	0	0	(4)	0	0	0
Gain - FHCON/Host Nation/Diversion/Conversion	0	0	0	0	0	0	0
End of FY Adequate Inventory Total	21	21	21	17	17	17	17
CI of 90% to 100% (Good Condition)	21	21	21	17	17	17	17
CI of 80% to 89% (Fair Condition)	0	0	0	0	0	0	0
End of FY Inadequate Inventory Total	0	0	0	0	0	0	0
CI of 60% to 79% (Poor Condition)	0	0	0	0	0	0	0
CI of 59% and below (Failing Condition)	0	0	0	0	0	0	0
End of FY Total Inventory	21	21	21	17	17	17	17
Percent Adequate - End of FY Inventory	100%	100%	100%	100%	100%	100%	100%

DEPARTMENT OF THE NAVY, NAVY
FH-11 Inventory and Condition of Government-Owned, Family Housing Units
FOREIGN (includes U.S. Territories)
(Number of Dwelling Units in Inventory)
Fiscal Year 2022

	Number of Units - Foreign						
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Beginning of FY Adequate Inventory Total	6,566	6,520	6,604	6,422	6,295	6,182	6,093
CI of 90% to 100% (Good Condition)	3,614	3,571	3,349	3,218	2,795	2,701	2,338
CI of 80% to 89% (Fair Condition)	2,952	2,949	3,255	3,204	3,500	3,481	3,755
Beginning of FY Inadequate Inventory Total	228	197	259	441	568	349	406
CI of 60% to 79% (Poor Condition)	199	168	246	428	568	349	406
CI of 59% and below (Failing Condition)	29	29	13	13	0	0	0
Beginning of FY Total Inventory	6,794	6,717	6,863	6,863	6,863	6,531	6,499
Percent Adequate - Beginning of FY Inventory	97%	97%	96%	94%	92%	95%	94%
Inadequate Inventory Reduced Through:	(31)	62	182	127	(219)	57	140
Construction (MILCON)	0	(4)	0	(36)	(143)	(54)	(35)
Maintenance & Repair (O&M)	0	0	0	(59)	0	0	0
Privatization	0	0	0	0	0	0	0
Demolition/Divestiture/Diversion/Conversion	(35)	(27)	0	0	(93)	(68)	0
Funded by Host Nation	0	0	0	0	0	0	0
Additional Inadequate Units Identified	4	93	182	222	17	179	175
Adequate Inventory Changes:	(42)	173	0	0	(239)	36	0
Privatization	0	0	0	0	0	0	0
Loss - Demo/Divestiture/Diversion/Conversion	(48)	(13)	0	0	(265)	0	0
Gain - FHCON/Host Nation/Diversion/Conversion	6	186	0	0	26	36	0
End of FY Adequate Inventory Total	6,520	6,604	6,422	6,295	6,182	6,093	5,953
CI of 90% to 100% (Good Condition)	3,571	3,349	3,218	2,795	2,701	2,338	2,043
CI of 80% to 89% (Fair Condition)	2,949	3,255	3,204	3,500	3,481	3,755	3,910
End of FY Inadequate Inventory Total	197	259	441	568	349	406	546
CI of 60% to 79% (Poor Condition)	168	246	428	568	349	406	546
CI of 59% and below (Failing Condition)	29	13	13	0	0	0	0
End of FY Total Inventory	6,717	6,863	6,863	6,863	6,531	6,499	6,499
Percent Adequate - End of FY Inventory	97%	96%	94%	92%	95%	94%	92%

**Department of the Navy
Family Housing, Navy
Annual Inadequate Family Housing Units Elimination**

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2020	6,817	228	0
FY 2020 total traditional military construction (MILCON) projects to eliminate inadequate housing units	0	0	0
FY 2020 total units privatized (no longer require FH O&M) to eliminate inadequate housing	0	0	0
FY 2020 total units demolished/divested or otherwise permanently removed from family housing inventory	(79)	0	35
Joint Base Anacostia-Bolling, DC (Divestiture)	(1)	0	0
NAS Corpus Christi, TX (Divestiture)	(1)	0	0
CFA Sasebo, Japan (Demolition)	(33)	33	33
NAF Atsugi, Japan (Divestiture)	(48)	4	0
NSA Andersen, Guam (Divestiture)	(2)	117	2
NS Guantanamo Bay, Cuba (Inventory Adjustment)	3	16	0
NS Rota, Spain (Inventory Adjustment)	3	34	0
2020 Condition Assessment Adjustment¹	0	(4)	0
Total Units at end of FY 2020	6,738	197	35

¹ Condition Assessment Adjustments are based on current year adequacy ratings, factoring in planned maintenance and a constant degradation factor. In FY 2020, projections indicate that the net condition of 4 units in the current inventory will shift from "inadequate" to "adequate."

**Department of the Navy
Family Housing, Navy
Annual Inadequate Family Housing Units Elimination**

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2021	6,738	197	0
FY 2021 total traditional military construction (MILCON) projects to eliminate inadequate housing units	0	0	4
HY-21-01; CFA Yokosuka, Japan (Improvement Construction)	0	0	0
HR-20-01; NS Rota, Spain (Improvement Construction) ***Delayed from FY20***	0	47	4
FY 2021 total units privatized (no longer require FH O&M) to eliminate inadequate housing	0	0	0
FY 2021 total units demolished/divested or otherwise permanently removed from family housing inventory	146	0	27
NS Rota, Spain (Demolition)	(40)	47	27
H-279/280/282; NSA Andersen, Guam (New Construction-Add) ***Delayed from FY17/18/19***	186	115	0
2021 Condition Assessment Adjustment¹	0	(93)	0
Total Units at end of FY 2021	6,884	259	31

¹ Condition Assessment Adjustments are based on current year adequacy ratings, factoring in planned maintenance and a constant degradation factor. In FY 2021, projections indicate that the condition of 93 units in current inventory will shift from "adequate" to "inadequate."

**Department of the Navy
Family Housing, Navy
Annual Inadequate Family Housing Units Elimination**

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2022	6,884	259	0
FY 2022 total traditional military construction (MILCON) projects to eliminate inadequate housing units	0	0	0
HY-22-01; CFA Yokosuka, Japan (Improvement Construction)	0	0	0
FY 2022 total units privatized (no longer require FH O&M) to eliminate inadequate housing	0	0	0
FY 2022 total units demolished/divested or otherwise permanently removed from family housing inventory	0	0	0
2022 Condition Assessment Adjustment¹	0	(182)	0
Total Units at end of FY 2022	6,884	441	0

¹ Condition Assessment Adjustments are based on current year adequacy ratings, factoring in planned maintenance and a constant degradation factor. In FY 2022, projections indicate that the condition of 182 units in current inventory will shift from "adequate" to "inadequate."

DEPARTMENT OF THE NAVY, MARINE CORPS
FH-11 Inventory and Condition of Government-Owned, Family Housing Units
WORLDWIDE
(Number of Dwelling Units in Inventory)
Fiscal Year 2022

	Number of Units - Worldwide						
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Beginning of FY Adequate Inventory Total	1,488	1,499	1,523	1,611	1,662	1,668	1,686
FCI of 90% to 100% (Good Condition)	1,165	1,173	1,189	1,253	1,288	1,294	1,303
FCI of 80% to 89% (Fair Condition)	323	326	334	358	374	374	383
Beginning of FY Inadequate Inventory Total	380	370	346	258	207	201	183
FCI of 60% to 79% (Poor Condition)	380	370	346	258	207	201	183
FCI of 59% and below (Failing Condition)	0	0	0	0	0	0	0
Beginning of FY Total Inventory	1,868	1,869	1,869	1,869	1,869	1,869	1,869
Percent Adequate - Beginning of FY Inventory	80%	80%	81%	86%	89%	89%	90%
Inadequate Inventory Reduced Through:	(10)	(24)	(88)	(51)	(6)	(18)	(4)
Construction (MILCON)	(16)	(24)	(88)	(51)	(6)	(18)	(4)
Maintenance & Repair (O&M)	0	0	0	0	0	0	0
Privatization	0	0	0	0	0	0	0
Demolition/Divestiture/Diversion/Conversion	0	0	0	0	0	0	0
Funded by Host Nation	0	0	0	0	0	0	0
Additional Inadequate Units Identified ¹	6	0	0	0	0	0	0
Adequate Inventory Changes:	1	0	0	0	0	0	0
Privatization	0	0	0	0	0	0	0
Loss - Demo/Divestiture/Diversion/Conversion	0	0	0	0	0	0	0
Gain - Host Nation/Diversion/Conversion	1	0	0	0	0	0	0
End of FY Adequate Inventory Total	1,499	1,523	1,611	1,662	1,668	1,686	1,690
FCI of 90% to 100% (Good Condition)	1,173	1,189	1,253	1,288	1,294	1,303	1,232
FCI of 80% to 89% (Fair Condition)	326	334	358	374	374	383	458
End of FY Inadequate Inventory Total	370	346	258	207	201	183	179
FCI of 60% to 79% (Poor Condition)	370	346	258	207	201	183	179
FCI of 59% and below (Failing Condition)	0	0	0	0	0	0	0
End of FY Total Inventory	1,869	1,869	1,869	1,869	1,869	1,869	1,869
Percent Adequate - End of FY Inventory	80%	81%	86%	89%	89%	90%	90%
DoD Performance Goal - 90% of World-wide inventory at FCI of at least 80% (Good or Fair Condition)	90%	90%	90%	90%	90%	90%	90%

NOTE:

1 - Condition Assessments are conducted on a rolling basis. As results are received, condition ratings are updated. This can result in homes previously identified as "Adequate" being re-rated as "Inadequate" and vice versa.

DEPARTMENT OF THE NAVY, MARINE CORPS
FH-11 Inventory and Condition of Government-Owned, Family Housing Units
UNITED STATES (CONUS plus Hawaii and Alaska)
(Number of Dwelling Units in Inventory)
Fiscal Year 2022

	Number of Units - U.S.						
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Beginning of FY Adequate Inventory Total	80	75	75	75	76	78	80
FCI of 90% to 100% (Good Condition)	75	75	75	75	76	78	79
FCI of 80% to 89% (Fair Condition)	5	0	0	0	0	0	1
Beginning of FY Inadequate Inventory Total	0	6	6	6	5	3	1
FCI of 60% to 79% (Poor Condition)	0	6	6	6	5	3	1
FCI of 59% and below (Failing Condition)	0	0	0	0	0	0	0
Beginning of FY Total Inventory	80	81	81	81	81	81	81
Percent Adequate - Beginning of FY Inventory	100%	93%	93%	93%	94%	96%	99%
Inadequate Inventory Reduced Through:	6	0	0	(1)	(2)	(2)	0
Construction (MILCON)	0	0	0	(1)	(2)	(2)	0
Maintenance & Repair (O&M)	0	0	0	0	0	0	0
Privatization	0	0	0	0	0	0	0
Demolition/Divestiture/Diversion/Conversion	0	0	0	0	0	0	0
Funded by Host Nation	0	0	0	0	0	0	0
Additional Inadequate Units Identified ¹	6	0	0	0	0	0	0
Adequate Inventory Changes:	1	0	0	0	0	0	0
Privatization	0	0	0	0	0	0	0
Loss - Demo/Divestiture/Diversion/Conversion	0	0	0	0	0	0	0
Gain - Host Nation/Diversion/Conversion	1	0	0	0	0	0	0
End of FY Adequate Inventory Total	75	75	75	76	78	80	80
FCI of 90% to 100% (Good Condition)	75	75	75	76	78	79	6
FCI of 80% to 89% (Fair Condition)	0	0	0	0	0	1	74
End of FY Inadequate Inventory Total	6	6	6	5	3	1	1
FCI of 60% to 79% (Poor Condition)	6	6	6	5	3	1	1
FCI of 59% and below (Failing Condition)	0	0	0	0	0	0	0
End of FY Total Inventory	81	81	81	81	81	81	81
Percent Adequate - End of FY Inventory	93%	93%	93%	94%	96%	99%	99%

DEPARTMENT OF THE NAVY, MARINE CORPS
FH-11 Inventory and Condition of Government-Owned, Family Housing Units
FOREIGN (includes U.S. Territories)
(Number of Dwelling Units in Inventory)
Fiscal Year 2022

	Number of Units - Foreign						
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Beginning of FY Adequate Inventory Total	1,408	1,424	1,448	1,536	1,586	1,590	1,606
FCI of 90% to 100% (Good Condition)	1,090	1,098	1,114	1,178	1,212	1,216	1,224
FCI of 80% to 89% (Fair Condition)	318	326	334	358	374	374	382
Beginning of FY Inadequate Inventory Total	380	364	340	252	202	198	182
FCI of 60% to 79% (Poor Condition)	380	364	340	252	202	198	182
FCI of 59% and below (Failing Condition)	0	0	0	0	0	0	0
Beginning of FY Total Inventory	1,788	1,788	1,788	1,788	1,788	1,788	1,788
Percent Adequate - Beginning of FY Inventory	79%	80%	81%	86%	89%	89%	90%
Inadequate Inventory Reduced Through:	(16)	(24)	(88)	(50)	(4)	(16)	(4)
Construction (MILCON)	(16)	(24)	(88)	(50)	(4)	(16)	(4)
Maintenance & Repair (O&M)	0	0	0	0	0	0	0
Privatization	0	0	0	0	0	0	0
Demolition/Divestiture/Diversion/Conversion	0	0	0	0	0	0	0
Funded by Host Nation	0	0	0	0	0	0	0
Additional Inadequate Units Identified ¹	0	0	0	0	0	0	0
Adequate Inventory Changes:	0	0	0	0	0	0	0
Privatization	0	0	0	0	0	0	0
Loss - Demo/Divestiture/Diversion/Conversion	0	0	0	0	0	0	0
Gain - Host Nation/Diversion/Conversion	0	0	0	0	0	0	0
End of FY Adequate Inventory Total	1,424	1,448	1,536	1,586	1,590	1,606	1,610
FCI of 90% to 100% (Good Condition)	1,098	1,114	1,178	1,212	1,216	1,224	1,226
FCI of 80% to 89% (Fair Condition)	326	334	358	374	374	382	384
End of FY Inadequate Inventory Total	364	340	252	202	198	182	178
FCI of 60% to 79% (Poor Condition)	364	340	252	202	198	182	178
FCI of 59% and below (Failing Condition)	0	0	0	0	0	0	0
End of FY Total Inventory	1,788	1,788	1,788	1,788	1,788	1,788	1,788
Percent Adequate - End of FY Inventory	80%	81%	86%	89%	89%	90%	90%

**Department of the Navy
Family Housing, Marine Corps
Annual Inadequate Family Housing Units Elimination**

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2020	1,868	380	0
FY 2020 total traditional military construction (MILCON) projects to eliminate inadequate housing units	0	16	16
P1701 - WHR Northside Phase II (16 homes - Bldgs. 1215,1254-1256)	0	16	16
FY 2020 total units privatized (no longer require FH O&M) to eliminate inadequate housing	0	0	0
FY 2020 total units demolished/divested or otherwise permanently removed from family housing inventory	0	0	0
Other Inventory Gains/Losses¹	1	0	0
2020 Condition Assessment Adjustment²	0	(6)	0
Total Units at end of FY 2020	1,869	370	16

¹ One additional unit was identified at MCLB Barstow as a result of a recent inventory update.

² The Marine Corps conducts forward-looking assessments to project the requirement for improvements. These requirements are used to ensure adequate funding is available to prevent excessive units from becoming inadequate. Additional homes with a facility condition index below 80% (poor/failing condition) are not identified until the year of the projected requirement and remain inadequate only if renovations are not accomplished by the required date.

**Department of the Navy
Family Housing, Marine Corps
Annual Inadequate Family Housing Units Elimination**

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2021	1,869	370	0
FY 2021 total traditional military construction (MILCON) projects to eliminate inadequate housing units	0	24	24
P-1702; MCAS Iwakuni, JA WHR Northside Townhomes Phase III, Bldgs.1255-1258)	0	24	24
FY 2021 total units privatized (no longer require FH O&M) to eliminate inadequate housing	0	0	0
FY 2021 total units demolished/divested or otherwise permanently removed from family housing inventory	0	0	0
Other Inventory Gains/Losses	0	0	0
2021 Condition Assessment Adjustment¹	0	0	0
Total Units at end of FY 2021	1,869	346	24

¹ The Marine Corps conducts forward-looking assessments to project the requirement for improvements. These requirements are used to ensure adequate funding is available to prevent excessive units from becoming inadequate. Additional homes with a facility condition index below 80% (poor/failing condition) are not identified until the year of the projected requirement and remain inadequate only if renovations are not accomplished by the required date.

**Department of the Navy
Family Housing, Marine Corps
Annual Inadequate Family Housing Units Elimination**

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2022	1,869	346	0
FY 2022 total traditional military construction (MILCON) projects to eliminate inadequate housing units	0	88	88
P-1901; MCAS Iwakuni, JA (WHR Midrise 657)	0	44	44
P-2001; MCAS Iwakuni, JA (WHR Midrise 1209)	0	44	44
FY 2022 total units privatized (no longer require FH O&M) to eliminate inadequate housing	0	0	0
FY 2022 total units demolished/divested or otherwise permanently removed from family housing inventory	0	0	0
Other Inventory Gains/Losses	0	0	0
2022 Condition Assessment Adjustment¹	0	0	0
Total Units at end of FY 2022	1,869	258	88

¹ The Marine Corps conducts forward-looking assessments to project the requirement for improvements. These requirements are used to ensure adequate funding is available to prevent excessive units from becoming inadequate. Additional homes with a facility condition index below 80% (poor/failing condition) are not identified until the year of the projected requirement and remain inadequate only if renovations are not accomplished by the required date.

DEPARTMENT OF THE NAVY
FAMILY HOUSING – FY 2022 BUDGET ESTIMATE
AUTHORIZATION AND APPROPRIATION LANGUAGE

FY 2022 AUTHORIZATION LANGUAGE

SEC.2202. FAMILY HOUSING

(a) CONSTRUCTION AND ACQUISITION. Using amounts appropriated pursuant to the authorization of appropriations in section 2204(a) and available for military family housing functions as specified in the funding table in section 4601, the Secretary of the Navy may carry out architectural and engineering services with respect to the construction of family housing units as set forth in the following table:

Navy: Family Housing

State	Installation	Units	Amount
N/A	N/A	Family Housing New Construction	\$0

(b) PLANNING AND DESIGN. Using amounts appropriated pursuant to the authorization of appropriations in section 2204(a) and available for military family housing functions as specified in the funding table in section 4601, the Secretary of the Navy may carry out architectural and engineering services and construction design activities with respect to the construction or improvement of family housing units in an amount not to exceed [\$5,854,000] \$5,732,000.

SEC.2203. IMPROVEMENTS TO MILITARY FAMILY HOUSING UNITS

Subject to section 2825 of title 10, United States Code, and using amounts appropriated pursuant to the authorization of appropriations in section 2204(a) and available for military family housing functions as specified in the funding table in section 4601, the Secretary of the Navy may improve existing military family housing units in an amount not to exceed [\$37,043,000] \$71,884,000.

SEC.2204. AUTHORIZATION OF APPROPRIATIONS, NAVY

(a) AUTHORIZATION OF APPROPRIATIONS. Funds are hereby authorized to be appropriated for fiscal years beginning after September 30, [2020] 2021, for military construction, land acquisition, and military family housing functions of the Department of the Navy, as specified in the funding table in section 4601.

(b) LIMITATION ON TOTAL COST OF CONSTRUCTION PROJECTS. Notwithstanding the cost variations authorized by section 2853 of title 10, United States Code, and any other cost variation authorized by law, the total cost of all projects carried out under section 2201 of this Act may not exceed the total amount authorized to be appropriated under subsection (a), as specified in the funding table in section 4601.

FY 2022 APPROPRIATION LANGUAGE

Family Housing Construction, Navy and Marine Corps

For expenses of family housing for the Navy and Marine Corps for construction, including acquisition, replacement, addition, expansion, and extension and alteration, as authorized by law, [\$42,897,000] \$77,616,000 to remain available until September 30, [2025] 2026.

Family Housing Operations and Maintenance, Navy and Marine Corps

For expenses of family housing for the Navy and Marine Corps for operation and maintenance, including debt payment, leasing, and minor construction as authorized by law, [\$346,493,000] \$357,341,000.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
CONSTRUCTION OF NEW HOUSING

(\$000)

FY 2022 Budget Request	\$	0
FY 2021 Program Budget	\$	0

Purpose and Scope

This program provides for land acquisition, site preparation, acquisition and construction, and initial outfitting with fixtures and integral equipment of new and replacement family housing units and associated facilities such as roads, driveways, walks, and utility systems.

Program Summary

Authorization is requested for:

- (1) N/A
- (2) Appropriation of \$0 to fund this construction program.

<u>Activity</u>	<u>Mission</u>	<u>No. of Homes</u>	<u>Amount (\$000)</u>
N/A	Current	0	\$ 0
Total		0	\$ 0

BLANK PAGE

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
CONSTRUCTION IMPROVEMENTS

(\$000)

FY 2022 Budget Request	\$ 71,884
FY 2021 Program Budget	\$ 37,043

Purpose and Scope

This program provides for improvements and/or major repairs to revitalize Department of the Navy (DON) family housing and the supporting neighborhood sites and facilities. This program is the primary vehicle for the DON to ensure that the aging inventory of homes is kept suitable for occupancy; as such, this program has a major role in maintaining a high quality of life for Navy and Marine Corps families. This program funds projects that will increase the useful life and livability of homes and neighborhoods, bring them up to Department of Defense standards, and make them more energy efficient and economical to maintain.

Program Summary

The DON will continue its emphasis on revitalization through whole-house projects, which will accomplish all required improvements and repairs at one time. Within this budget estimate, a separate DD 1391 is included for each project funded within this account.

Authorization is requested for:

(1) Various improvements and/or major repairs to revitalize existing family housing; and

(2) Appropriation of \$71,884,000 (\$61,469,000 for the Navy and \$10,415,000 for the Marine Corps) to fund these revitalization projects.

1. Component DON	FY 2022 MILITARY CONSTRUCTION PROJECT DATA			2. Date MAY 2021
3. Installation and Location: NAVY AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE UNITED STATES			4. Project Title FAMILY HOUSING CONSTRUCTION IMPROVEMENTS	
5. Program Element 0808742N	6. Category Code 711	7. Project Number VARIOUS	8. Project Cost (\$000) AUTH: \$71,884 APPR: \$71,884	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost (\$000)
AUTHORIZATION REQUEST	LS	---	---	71,884
TOTAL REQUEST				71,884
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION Provides for the revitalization of family housing dwellings, neighborhood support facilities and infrastructure. Revitalization consists of alterations, additions, expansions, modernization, and major repairs. Typical work includes the revitalization of kitchens and bathrooms; upgrades and repairs to structural, electrical, and mechanical systems; repairs/replacements involving utility systems, streets and side walks, and other infrastructure; removal of hazardous materials; and enhancements to neighborhood support systems including landscaping and recreation.</p> <p>11. REQUIREMENT: Major investments to the Department of the Navy's family housing inventory are needed to achieve and/or maintain current DoD standards, extend the life of the homes by arresting and correcting deterioration, reduce maintenance and utility expenses, make the homes and surrounding neighborhoods quality places to live.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The Department of the Navy will have family housing inventory and supporting infrastructure which fall below Department of Defense and Navy standards for quality housing, creating a negative and adverse impact on the families who live in our homes. The Department of the Navy will not be able to reduce maintenance and utility costs and meet and/or maintain DOD standards in a more cost-effective approach than replacing the existing homes and neighborhoods.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROJECT DATA	2. Date MAY 2021
3. Installation and Location: NAVY INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. Project Title FAMILY HOUSING CONSTRUCTION IMPROVEMENTS		5. Project Number VARIOUS
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		(<u>\$000</u>) <u>CURRENT WORKING ESTIMATE</u>
<u>OUTSIDE THE UNITED STATES</u>		
<u>JAPAN</u>		
COMFLEACT Yokosuka (HY-22-02)		61,469
<p>This is the Phase 3 project for the Ikego neighborhood townhomes to revitalize, modernize and correct United Facilities Criteria deficiencies in 96 enlisted homes. Work includes the complete renovation of kitchens, bathrooms and laundry rooms. Exterior repair includes cleaning, painting, waterproofing, repair structural and nonstructural cracks. Extend roof of front entrance to enclose the front entrance area. Replace windows that are outdated, broken or malfunctioning. Replace interior finishes include floors and doors. Provide smooth plaster finish to walls and ceilings. Kitchen renovations will replace cabinets, countertops, sinks, range hoods and dishwashers. Bathroom renovations will replace tubs, showers, vanities, toilets and associated fittings. Install new energy and water savings washers and dryers. Replace and modernize the electrical, fire protection, cable TV, internet and communication systems. Replace HVAC systems including new ductwork and the use of energy saving materials. Install meters for water and electricity. Install a solar hot water system for each unit. Paving and site improvements include sidewalk and patio repairs, pavement patches for utility cuts, lawn repair, tree replacement and grading as required.</p>		

BLANK PAGE

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROJECT DATA			2. Date MAY 2021
3. Installation(SA) and Loc./UIC: N61028 COMFLEACT FLEET ACTIVITY YOKOSUKA, JAPAN			4. Project Title WHOLE HOUSE REVITALIZATION, IKEGO TOWNHOUSE, PH3	
5. Program Element 0808742N	6. Category Code 711	7. Project Number HY-22-02	8. Project Cost(\$000) \$61,469	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
WHOLEHOUSE IMPROVEMENT	EA	97	633.7	61469
Project Cost Rounded				61469
Area Cost Factor: 1.98				
10. DESCRIPTION OF PROPOSED CONSTRUCTION Revitalize existing officer and enlisted townhouse family housing units. Repair and modernize the exterior and interior as required, work includes the complete renovation of kitchens, bathrooms and laundry rooms. Exterior repair includes cleaning, painting, waterproofing, repair structural and nonstructural cracks. Extend roof of front entrance to enclose the front entrance area. Replace windows that are outdated, broken or malfunctioning. Replace interior finishes including floors and doors. Provide smooth plaster finish to walls and ceilings. Kitchen renovations will replace cabinets, countertops, sinks, range hoods and dishwashers. Bathroom renovations will replace tubs, showers, vanities, toilets and associated fittings. Install new energy and water savings washers and dryers. Replace and modernize the electrical, fire protection, cable TV, internet and communication systems. Replace HVAC systems including new ductwork and the use of energy saving materials. Install meters for water and electricity. Install a solar hot water system for each unit. Paving and site improvements include sidewalk and patio repairs, pavement patches for utility cuts, lawn repair, tree replacement and grading as required. This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per Unified Facility Criteria (UFC) 4-010-01 DoD Minimum Antiterrorism Standards for Buildings. DoD and Department of the Navy (DON) principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive orders. Low Impact Development will be included in the design and construction of this project as appropriate.				
11. REQUIREMENT: <u>PROJECT:</u>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROJECT DATA			2. Date MAY 2021																										
3. Installation(SA) and Loc./UIC: N61028 COMFLEACT FLEET ACTIVITY YOKOSUKA, JAPAN			4. Project Title WHOLE HOUSE REVITALIZATION, IKEGO TOWNHOUSE, PH3																											
5. Program Element 0808742N	6. Category Code 711	7. Project Number HY-22-02	8. Project Cost(\$000) \$61,469																											
<p>This project will provide whole house revitalization and correct UFC deficiencies for 97 officer and enlisted townhouse family housing units at Ikego Detachment. (Current Mission)</p> <p><u>REQUIREMENT:</u> Provide adequate family housing that meets current American private sector residential community living standards for military personnel.</p> <p><u>CURRENT SITUATION:</u> These townhouse units were constructed in 1997 with no major repair or improvements. The kitchens and baths are old, outdated and beyond their useful and economical life. All electrical, mechanical, water, sewer components are outdated, deteriorated, and beyond the point of economical repair. Units are not energy efficient or compliant.</p> <p>The project is not sited in a 100-year flood plain.</p> <p>The project does not have scope elements above and beyond the UFC and Facilities Criteria regarding adverse long-term environmental effects.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The homes will continue to fail to meet new DoD construction standards, continue to be inefficient, and impact quality of life at CFAY.</p>																														
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(A) Date design or Parametric Cost Estimate started</td> <td style="text-align: right;">09/2019</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td style="text-align: right;">04/2020</td> </tr> <tr> <td>(C) Date design completed</td> <td style="text-align: right;">07/2022</td> </tr> <tr> <td>(D) Percent completed as of September 2020</td> <td style="text-align: right;">15%</td> </tr> <tr> <td>(E) Percent completed as of January 2021</td> <td style="text-align: right;">35%</td> </tr> <tr> <td>(F) Type of design contract</td> <td style="text-align: right;">Design Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td style="text-align: right;">Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td style="text-align: right;">No</td> </tr> </table> <p>2. Basis:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(A) Standard or Definitive Design</td> <td style="text-align: right;">Yes</td> </tr> <tr> <td>(B) Where design was previously used</td> <td style="text-align: right;">WH Revitalization Ikego, PH 2</td> </tr> </table> <p>3. Total cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(A) Production of plans and specifications</td> <td style="text-align: right;">\$1,224,000</td> </tr> <tr> <td>(B) All other design costs</td> <td style="text-align: right;">\$1,836,000</td> </tr> <tr> <td>(C) Total</td> <td style="text-align: right;">\$3,060,000</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	09/2019	(B) Date 35% Design or Parametric Cost Estimate complete	04/2020	(C) Date design completed	07/2022	(D) Percent completed as of September 2020	15%	(E) Percent completed as of January 2021	35%	(F) Type of design contract	Design Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	No	(A) Standard or Definitive Design	Yes	(B) Where design was previously used	WH Revitalization Ikego, PH 2	(A) Production of plans and specifications	\$1,224,000	(B) All other design costs	\$1,836,000	(C) Total	\$3,060,000
(A) Date design or Parametric Cost Estimate started	09/2019																													
(B) Date 35% Design or Parametric Cost Estimate complete	04/2020																													
(C) Date design completed	07/2022																													
(D) Percent completed as of September 2020	15%																													
(E) Percent completed as of January 2021	35%																													
(F) Type of design contract	Design Build																													
(G) Parametric Estimate used to develop cost	Yes																													
(H) Energy Study/Life Cycle Analysis performed	No																													
(A) Standard or Definitive Design	Yes																													
(B) Where design was previously used	WH Revitalization Ikego, PH 2																													
(A) Production of plans and specifications	\$1,224,000																													
(B) All other design costs	\$1,836,000																													
(C) Total	\$3,060,000																													

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROJECT DATA			2. Date MAY 2021						
3. Installation(SA) and Loc./UIC: N61028 COMFLEACT FLEET ACTIVITY YOKOSUKA, JAPAN			4. Project Title WHOLE HOUSE REVITALIZATION, IKEGO TOWNHOUSE, PH3							
5. Program Element 0808742N	6. Category Code 711	7. Project Number HY-22-02	8. Project Cost(\$000) \$61,469							
<p>(D) Contract \$612,000</p> <p>(E) In-house \$2,448,000</p> <p>4. Contract award: 02/2022</p> <p>5. Construction start: 07/2022</p> <p>6. Construction complete: 08/2023</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="0"> <tr> <td><u>Equipment</u></td> <td><u>Procuring</u></td> <td><u>FY Approp</u></td> </tr> <tr> <td><u>Nomenclature</u></td> <td><u>Approp</u></td> <td><u>or Requested Cost(\$000)</u></td> </tr> </table> <p>JOINT USE CERTIFICATION:</p> <p>Joint Use Certification is not required for Family Housing Construction projects per DoD 7000.14-R Financial Managemetn Regulation Volume 2B Chapter 6.</p> <p>Activity POC: Project Development Lead Phone No: 243-8835</p>					<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>	<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested Cost(\$000)</u>
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>								
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested Cost(\$000)</u>								

BLANK PAGE

1. Component MARINE CORPS	FY 2022 MILITARY CONSTRUCTION PROJECT DATA	2. Date MAY 2021
3. Installation and Location: NAVY INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. Project Title FAMILY HOUSING CONSTRUCTION IMPROVEMENTS		5. Project Number VARIOUS
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		((\$000) <u>CURRENT WORKING ESTIMATE</u>
<p style="text-align: center;"><u>INSIDE THE UNITED STATES</u></p> <p><u>WASHINGTON D.C.</u> Marine Barracks, Eighth and I (H2203) 10,415</p> <p>This project provides whole house revitalization to the 15,605 SF historic "Home of the Commandants" (Qtrs 6) located at Marine Barracks, 8th and I, Washington, DC. Structural work to be performed is exterior shell repairs including repointing brickwork, replacing rotten wood, repair spalling concrete, and framing. There is significant water damage from water infiltration requiring repairs to the south porch roof above the solarium ceiling. Interior structural repairs include repairs to existing joists and replacing the existing concrete solarium floor slab and framing. Mechanical improvements include the installation of a new Heating, Ventilation and Air Conditioning (HVAC) system new distribution system and all associated controls. Water intrusion repairs include leak repairs on the flat portions of the roof and around the chimney, modification of the current gutter and drainage systems, and replacement of most windows including the sashes, sills, and casing. Electrical repairs will replace all the existing incandescent specialty lamps in the antique lighting fixtures with energy efficient L.E.D. lamps, provide a dedicated Telecommunications Room and also replace the elevator system, electrical panels, and telecommunications wiring, cables and devices. Historical preservation includes cost to maintain the current interior and exterior historical appearance of the quarters.</p>		

BLANK PAGE

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROJECT DATA			2. Date MAY 2021
3. Installation(SA) and Loc./UIC: M67029 MARINE BARRACKS 8TH & I ST, DC			4. Project Title WHOLE HOUSE REVITALIZATION QUARTERS #6	
5. Program Element 0808742N	6. Category Code 711	7. Project Number H2203	8. Project Cost(\$000) \$10,415	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
WHOLEHOUSE IMPROVEMENT	EA	1	10415	10415
Area Cost Factor: 1.04				
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>This project renovates the historic Marine Barracks, Washington: Quarters 6 (15,984 SF) at 8th and I Streets in Washington D.C. Quarters 6 is the residence of the Commandant of the U.S. Marine Corps.</p> <p>The scope of the project was determined by a condition assessment (MBW Government Officers Quarters 3 & 6 Comprehensive Study, April 2021) performed by an architectural and engineering firm. The repairs include structural, architectural, fire protection, mechanical, and electrical repairs, as well as antiterrorism upgrades and hazardous material abatement. Construction shall start in FY22.</p> <p>Structural work to be performed is exterior shell repairs including repointing brickwork, replacing rotten wood, repair spalling concrete, and framing. There is significant water damage from water infiltration requiring repairs to the south porch roof above the solarium ceiling. Interior structural repairs include repairs to existing joists and replacing the existing concrete solarium floor slab and framing.</p> <p>Quarters 6 has several different roofing systems including slate shingle, asphalt shingle, galvanized steel, ethylene propylene diene terpolymer (EPDM), standing seam metal, and thermoplastic polyolefin (TPO). The project repairs sections of galvanized steel roofing, removes and replaces existing EPDM roof membrane, and repairs all holes and penetrations on the standing seam metal roof. Additional repairs include removing the existing TPO roofing system, including roof membrane, sheet metal flashing and trim, penetration flashing, and insulation, down to the existing wood plank roof deck and installing new fully-adhered polyvinyl chloride (PVC) roof membrane with flashing, drainage system, and solar panel system.</p> <p>The architectural work includes restoring flooring, brickwork, masonry, painting, and repairs to interior finishes including refurbishing damaged plaster in compliance with historical guidelines.</p> <p>The fire protection work includes replacing all existing fire suppression system and fire alarm system components.</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROJECT DATA			2. Date MAY 2021
3. Installation(SA) and Loc./UIC: M67029 MARINE BARRACKS 8TH & I ST, DC			4. Project Title WHOLE HOUSE REVITALIZATION QUARTERS #6	
5. Program Element 0808742N	6. Category Code 711	7. Project Number H2203	8. Project Cost(\$000) \$10,415	
<p>Mechanical repairs are extensive and include replacing dedicated outdoor air systems (DOAS), providing a louvered penthouse, four duct risers in the bedroom closets, eight 250 CFM (cubic feet per minute) registers, two 750 MBH (thousand British Thermal Units (BTUs) per hour) gas-fired, condensing boilers, two 75 GPM (gallons per minute) primary heating water pumps, one 45 ton air cooled chiller with remote condenser, two 90 GPM primary chilled water pumps, and two 90 GPM dual-temperature water pumps, as well as provide a new controls system and replace all piping risers and plumbing piping.</p> <p>Electrical repairs will replace all the existing incandescent specialty lamps in the antique lighting fixtures with energy efficient L.E.D. lamps, provide a dedicated Telecommunications Room and also replace the elevator system, electrical panels, and telecommunications wiring, cables and devices.</p> <p>User Generated Unit Costs were used for this project and include the cost of features to meet the minimum DoD antiterrorism (AT) standards. The AT line item includes standard antiterrorism measures such as mass notification systems, emergency shutoffs for ventilation systems, laminated glazing, and emergency lighting and signage. The AT upgrades include a glazing system on the windows, a blast curtain (e.g., SAFETYDRAPE), and upgrades to exterior doors and locks. All windows are to be custom fabricated to replicate the historic appearance of the original windows.</p> <p>All hazardous materials including asbestos containing material and lead based paint will be abated.</p> <p>Project materials and methods will comply with historic preservations guidelines.</p> <p>11. REQUIREMENT:</p> <p><u>PROJECT:</u></p> <p>Project will renovate historic Quarters 6 constructed in 1806 to repair the following deficiencies: exterior, structural issues, mildew and mold, water infiltration, antiterrorism, and fire protection.</p> <p>(Current Mission)</p> <p><u>REQUIREMENT:</u></p> <p>Properly repaired residence is requested for the Commandant of the U.S. Marine Corps located at 8th and I Streets, Washington D.C.</p> <p><u>CURRENT SITUATION:</u></p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROJECT DATA			2. Date MAY 2021
3. Installation(SA) and Loc./UIC: M67029 MARINE BARRACKS 8TH & I ST, DC			4. Project Title WHOLE HOUSE REVITALIZATION QUARTERS #6	
5. Program Element 0808742N	6. Category Code 711	7. Project Number H2203	8. Project Cost(\$000) \$10,415	
<p>Quarters 6 has served as the home of the Commandant of the U.S. Marine Corps since its construction in 1806. The building was added to the National Historic Registry in 1972. The Commandant's House is a three-story, symmetrically-composed building consisting of several additions to the east, west, and south of the original Federal Style structure. The primary function of Quarters 6 is to provide a residence for the Commandant, his family, and staff; Secondary functions of Quarters 6 include hosting events and receiving guests on behalf of the U.S. Marine Corps.</p> <p>Originally constructed in the Federal style, Quarters 6 is comprised of a central and symmetrical block flanked by wings to the east and west. The building's earliest design is still visible in the simple massing and emphasis on proportion. The building is a three-story, Flemish-bond brick masonry structure painted white and topped with a slateclad mansard roof. A one-story, brick masonry wing with a low-pitched roof, parapet wall and three window bays juts from east elevation. A two-story, brick masonry wing with a low-pitched roof, parapet wall, and three window bays extends from the west elevation. A dentiled cornice encircles the central block and corbelled brick cornices marry the flanking wings to the main building. The cornice is topped by the mansard roof which is composed of square slate tiles and five center rows of scalloped slate tiles. Round-head dormers interrupt the expanses of slate on the north, west, and south elevations.</p> <p>Since its construction, the Commandant's House has undergone several mechanical, electrical, and plumbing system upgrade iterations dependent on the technologies available at that time. Additionally, the interior has experienced changes due to a variety of personal tastes and extensive restoration efforts. The main block of Quarters 6 contains four levels: a basement and floors one through three. The basement is utilitarian space used for storage, mechanical systems, and offices. The first floor is primarily used for hosting and tour groups in addition to the Commandant's private residence. In contrast, the second and third floors are private and feature the Commandant's main living area. The 1840 wing to the northwest is two floors and consists of restrooms and guest rooms. The 1934 wing to the northeast is one floor and contains a modern kitchen, pantry, and enclosed porch.</p> <p>A comprehensive interior rehabilitation was completed in 2002, which included repairs to windows, interior finishes, roofing, mechanical and electrical systems, with additional extensive repairs occurring in 2010. This 2010 renovation included replacement of deteriorated first-floor structural system, deteriorated mortar on exterior and interior loadbearing walls, repainting the exterior, and installing waterproofing to all exterior</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROJECT DATA			2. Date MAY 2021
3. Installation(SA) and Loc./UIC: M67029 MARINE BARRACKS 8TH & I ST, DC			4. Project Title WHOLE HOUSE REVITALIZATION QUARTERS #6	
5. Program Element 0808742N	6. Category Code 711	7. Project Number H2203	8. Project Cost(\$000) \$10,415	
<p>foundation walls and adding a French drain.</p> <p>Recently, a condition assessment was performed identifying deficiencies and needed repairs. There is water damage and active water infiltration due to deficiencies in the exterior shell and roofing systems. There are also high humidity levels in the basement and third floor. The effects of high humidity levels are most severe in the third-floor closets. All closets smell heavily of mildew and have a history of mildew. This is likely the result of high humidity levels and lack of air flow, as all closets are kept closed without any provision for either passive or active ventilation. The worst closets are 304, 307, and 318, where mold growth is visible on painted plaster and wood surfaces. In 304, significant mold growth occurs on the ceiling and all walls. Wall and ceiling plaster are also cracked, and there are signs of minor efflorescence. This degree of plaster damage suggests active water infiltration, possible from roof leaks, may be at play as well as high humidity.</p> <p>Other deficiencies identified in the condition assessment include structural, mechanical, electrical and fire protection repairs.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Without this project, the Commandant of the U.S. Marine Corps and his family will continue to reside in housing with water infiltration and associated damage. The situation will continue to worsen to the point where Quarters 6 will not be able to be used for officer housing. The USMC will be poor stewards of historic Quarters 6.</p> <p>Using the recently completed Comprehensive Study (see schedule below) as the Parametric Cost Estimate, the Navy is confident that it will be able to stay on track to meet the 4th Quarter FY 2022 design award. We would appreciate your endorsement of this project given it is a high priority for the USMC, as living conditions have significantly deteriorated and sustainment costs are quickly rising.</p> <p>Comprehensive Study (Start - Aug 2020, Complete - Apr 2021) Statement of A/E Services (Start - May 2021, Complete - Jul 2021) Historic Preservation Consultation (Start - Jul 2021, Complete - Nov 2021) Design (Start - Jul 2021, Complete - Jul 2022)</p>				
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p>				

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROJECT DATA			2. Date MAY 2021				
3. Installation(SA) and Loc./UIC: M67029 MARINE BARRACKS 8TH & I ST, DC			4. Project Title WHOLE HOUSE REVITALIZATION QUARTERS #6					
5. Program Element 0808742N	6. Category Code 711	7. Project Number H2203	8. Project Cost(\$000) \$10,415					
<p>(A) Date design or Parametric Cost Estimate started 08/2020</p> <p>(B) Date 35% Design or Parametric Cost Estimate complete 04/2021</p> <p>(C) Date design completed 07/2022</p> <p>(D) Percent completed as of September 2020 0%</p> <p>(E) Percent completed as of January 2021 5%</p> <p>(F) Type of design contract</p> <p>(G) Parametric Estimate used to develop cost</p> <p>(H) Energy Study/Life Cycle Analysis performed Design Build</p> <p>2. Basis: Yes</p> <p>(A) Standard or Definitive Design No</p> <p>(B) Where design was previously used No</p> <p>3. Total cost(\$000) (C) = (A) + (B) = (D) + (E):</p> <p>(A) Production of plans and specifications \$208,000</p> <p>(B) All other design costs \$312,000</p> <p>(C) Total \$520,000</p> <p>(D) Contract \$312,000</p> <p>(E) In-house \$208,000</p> <p>4. Contract award: 08/2022</p> <p>5. Construction start: 01/2023</p> <p>6. Construction complete: 01/2024</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%;"> <tr> <td style="width: 50%;"><u>Equipment</u></td> <td style="width: 50%;"><u>Procuring FY Approp</u></td> </tr> <tr> <td><u>Nomenclature</u></td> <td><u>Approp or Requested Cost(\$000)</u></td> </tr> </table> <p>JOINT USE CERTIFICATION:</p> <p>Joint Use Certification is not required for Family Housing Construction projects per DoD 7000.14-R Financial Management Regulation Volume 2B Chapter 6.</p> <p>Activity POC: Project Development Lead Phone No: 202-685-8027</p>					<u>Equipment</u>	<u>Procuring FY Approp</u>	<u>Nomenclature</u>	<u>Approp or Requested Cost(\$000)</u>
<u>Equipment</u>	<u>Procuring FY Approp</u>							
<u>Nomenclature</u>	<u>Approp or Requested Cost(\$000)</u>							

BLANK PAGE

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
PLANNING AND DESIGN

(\$000)

FY 2022 Budget Request	\$ 5,732
FY 2021 Program Budget	\$ 5,854

Purpose and Scope

This program provides for working drawings, specifications and estimates, project planning reports, and final design drawings for construction projects (authorized or not yet authorized). This includes the use of architectural and engineering services in connection with any family housing new construction or construction improvements.

Program Summary

The amount requested will enable full execution of the construction program. Authorization is requested for the appropriation of \$5,732,000 (\$3,634,000 for the Navy and \$2,098,000 for the Marine Corps) to fund New Construction and Improvements design requirements.

1. Component DON	FY 2022 MILITARY CONSTRUCTION PROJECT DATA			2. Date MAY 2021
3. Installation and Location: NAVY AND MARINE CORPS INSTALLATIONS VARLOCS INSIDE AND OUTSIDE UNITED STATES			4. Project Title FAMILY HOUSING PLANNING AND DESIGN	
5. Program Element 0808742N	6. Category Code 711	7. Project Number VARIOUS	8. Project Cost (\$000) AUTH: \$5,732 APPN: \$5,732	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost (\$000)
PLANNING AND DESIGN		---	---	
NEW CONSTRUCTION	L/S	---	---	(3,545)
IMPROVEMENTS	L/S	---	---	(2,187)
TOTAL REQUEST				\$5,732
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION: 10 USC 2807 authorizes funding for architectural and engineering services and construction design of military family housing new construction and construction improvement projects.</p> <p>11. REQUIREMENT: All project estimates are based on sound engineering and the best cost data available. Design is initiated to establish project estimates authorized or not yet authorized in advance of program submittal to the Congress. At the preliminary design, final plans and specifications are then prepared. The request includes costs for architectural and engineering services, turnkey evaluation, and construction design.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Design of programmed of Family Housing New Construction and/or Improvements projects will not be accomplished, which will delay overall project timelines and deliverability. Project execution schedules for Fiscal Years 2023 and 2024 will not be met. This will adversely impact the ability to deliver quality homes for occupancy by service members and their families in a timely manner and will affect the DON's ability to maintain OSD Family Housing Adequacy standards.</p>				

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
OPERATION AND MAINTENANCE NARRATIVE SUMMARY

(\$000)

FY 2022 Budget Request \$240,230
FY 2021 Program Budget \$230,135

Purpose and Scope

This portion of the program provides for expenses in the following sub-accounts: Management, Services, Furnishings, Miscellaneous, Utilities, Maintenance, and Reimbursable Collections.

Program Summary

Authorization is requested for an appropriation of \$240,230,000. This amount, together with estimated reimbursements of \$19,113,000 will fund the Fiscal Year 2022 program of \$259,343,000.

A summary of the funding program for Fiscal Year 2022 follows (in thousands):

	Appropriation Request				Reimburse-	<u>Total</u>
	<u>Operations</u>	<u>Utilities</u>	<u>Maintenance</u>	<u>Total</u>	<u>ments</u>	<u>Program</u>
Navy	77,572	49,499	83,480	210,551	17,302	227,853
Marine Corps	10,970	6,772	11,937	29,679	1,811	31,490
 Total DON	 88,542	 56,271	 95,417	 240,230	 19,113	 259,343

Justification

The Department of the Navy request provides essential resources to military families and assists them in finding suitable housing in the community or, in instances where that community housing is not available, government quarters to meet their needs. As Navy and Marine Corps installations are generally located in the coastal areas, the cost for both community and government housing tends to be higher than the rest of the country. Additionally, in overseas/foreign locations, where PPV housing is not available, each locale has unique requirements that must be considered to ensure suitable housing is available for all families. Therefore, emphasis is placed on ensuring that the Family Housing Operations and Maintenance program is properly funded.

The Fiscal Year 2022 estimated program is formulated utilizing published inflationary factors and foreign currency exchange rates.

BLANK PAGE

DEPARTMENT OF THE NAVY FAMILY HOUSING, DEPARTMENT OF THE NAVY FY 2022 OPERATIONS AND MAINTENANCE (EXCLUDES LEASED UNITS AND COSTS) GEOGRAPHIC - WORLDWIDE						
	FY 2020		FY 2021		FY 2022	
A. INVENTORY DATA						
Units in Beginning of Year	8,685		8,607		8,753	
Units at End of Year	8,607		8,753		8,753	
Average Inventory for Year	8,686		8,622		8,753	
a. Average Historic Inventory for Year	(6)		(6)		(6)	
Requiring O&M Funding						
a. Conterminous U.S.	104		102		102	
b. U.S. Overseas	1,453		1,466		1,637	
c. Foreign	7,129		7,054		7,014	
d. Worldwide	8,686		8,622		8,753	
	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	54,417	6,265	51,006	5,916	54,083	6,179
(2) Services	18,435	2,122	16,743	1,942	17,637	2,015
(3) Furnishings	13,920	1,603	17,977	2,085	16,537	1,889
(4) Miscellaneous	313	36	350	41	285	33
Subtotal Direct Obligations	87,085	10,026	86,076	9,983	88,542	10,116
Anticipated Reimbursements	2,464	284	5,543	643	5,545	633
Estimated Gross Obligations	89,549	10,310	91,619	10,626	94,087	10,749
2. UTILITIES	44,863	5,165	58,429	6,777	56,271	6,429
Anticipated Reimbursements	2,063	238	4,787	555	4,797	548
Estimated Gross Obligations	46,926	5,402	63,216	7,332	61,068	6,977
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	54,880	6,318	57,694	6,691	59,415	6,788
b. Exterior Utilities	1,766	203	1,775	206	1,849	211
c. Maintenance & Repair of Other Real Property	524	60	2,217	257	572	65
d. Alterations and Additions	47,746	5,497	23,944	2,777	33,581	3,837
e. Foreign Currency Fluctuation	459	53				
Subtotal Direct Obligations	105,375	12,132	85,630	9,932	95,417	10,901
Anticipated Reimbursements	3,227	372	8,408	975	8,771	1,002
Estimated Gross Obligations	108,602	12,503	94,038	10,907	104,188	11,903
4. GRAND TOTAL, O&M - Direct Obligations	237,323	27,322	230,135	26,692	240,230	27,445
5. GRAND TOTAL -						
Anticipated Reimbursements	7,754	893	18,738	2,173	19,113	2,184
6. GRAND TOTAL, O&M - Gross Obligations	245,077	28,215	248,873	28,865	259,343	29,629

BLANK PAGE

DEPARTMENT OF THE NAVY
FAMILY HOUSING, NAVY
FY 2022 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - WORLDWIDE

	FY 2020		FY 2021		FY 2022	
A. INVENTORY DATA						
Units in Beginning of Year	6,817		6,738		6,884	
Units at End of Year	6,738		6,884		6,884	
Average Inventory for Year	6,817		6,753		6,884	
a. Average Historic Inventory for Year	(0)		(0)		(0)	
Requiring O&M Funding						
a. Conterminous U.S.	23		21		21	
b. U.S. Overseas	1,453		1,466		1,637	
c. Foreign	5,341		5,266		5,226	
d. Worldwide	6,817		6,753		6,884	
	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	48,055	7,049	45,313	6,710	48,284	7,014
(2) Services	13,953	2,047	13,975	2,069	14,829	2,154
(3) Furnishings	12,584	1,846	15,673	2,321	14,174	2,059
(4) Miscellaneous	313	46	350	52	285	41
Subtotal Direct Obligations	74,905	10,988	75,311	11,152	77,572	11,268
Anticipated Reimbursements	2,456	360	5,500	814	5,500	799
Estimated Gross Obligations	77,361	11,348	80,811	11,967	83,072	12,067
2. UTILITIES	38,645	5,669	51,652	7,649	49,499	7,190
Anticipated Reimbursements	2,010	295	4,500	666	4,500	654
Estimated Gross Obligations	40,655	5,964	56,152	8,315	53,999	7,844
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	47,414	6,955	48,851	7,234	50,003	7,264
b. Exterior Utilities	0	0	0	0	0	0
c. Maintenance & Repair of Other Real Property	0	0	1,693	251	0	0
d. Alterations and Additions	47,650	6,990	23,847	3,531	33,477	4,863
e. Foreign Currency Fluctuation	459	67				
Subtotal Direct Obligations	95,523	14,012	74,391	11,016	83,480	12,127
Anticipated Reimbursements	2,960	434	6,963	1,031	7,302	1,061
Estimated Gross Obligations	98,483	14,447	81,354	12,047	90,782	13,187
4. GRAND TOTAL, O&M - Direct Obligations	209,073	30,669	201,354	29,817	210,551	30,586
5. GRAND TOTAL -						
Anticipated Reimbursements	7,426	1,089	16,963	2,512	17,302	2,513
6. GRAND TOTAL, O&M - Gross Obligations	216,499	31,759	218,317	32,329	227,853	33,099

DEPARTMENT OF THE NAVY FAMILY HOUSING, NAVY FY 2022 OPERATIONS AND MAINTENANCE (EXCLUDES LEASED UNITS AND COSTS) GEOGRAPHIC - CONUS						
	FY 2020		FY 2021		FY 2022	
A. INVENTORY DATA						
Units in Beginning of Year	23		21		21	
Units at End of Year	21		21		21	
Average Inventory for Year	23		21		21	
a. Average Historic Inventory for Year	(0)		(0)		(0)	
Requiring O&M Funding						
a. Conterminous U.S.	23		21		21	
b. U.S. Overseas	0		0		0	
c. Foreign	0		0		0	
d. Worldwide	0		0		0	
	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management*	29,934	1,301,478	29,676	1,413,143	30,757	1,464,619
(2) Services	47	2,043	30	1,429	53	2,524
(3) Furnishings	568	24,696	622	29,619	414	19,714
(4) Miscellaneous	313	13,609	350	16,667	285	13,571
Subtotal Direct Obligations	30,862	1,341,826	30,678	1,460,857	31,509	1,500,429
Anticipated Reimbursements	0	0	0	0	0	0
Estimated Gross Obligations	30,862	1,341,826	30,678	1,460,857	31,509	1,500,429
2. UTILITIES	73	3,174	128	6,095	113	5,381
Anticipated Reimbursements	0	0	0	0	0	0
Estimated Gross Obligations	73	3,174	128	6,095	113	5,381
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	424	18,435	667	31,762	435	20,714
b. Exterior Utilities	0	0	0	0	0	0
c. Maintenance & Repair of Other Real Property	0	0	0	0	0	0
d. Alterations and Additions	2	87	0	0	0	0
Subtotal Direct Obligations	426	18,522	667	31,762	435	20,714
Anticipated Reimbursements	0	0	0	0	0	0
Estimated Gross Obligations	426	18,522	667	31,762	435	20,714
4. GRAND TOTAL, O&M - Direct Obligations	31,361	1,363,522	31,473	1,498,714	32,057	1,526,524
5. GRAND TOTAL -						
Anticipated Reimbursements	0	0	0	0	0	0
6. GRAND TOTAL, O&M - Gross Obligations	31,361	1,363,522	31,473	1,498,714	32,057	1,526,524

* Per Unit Costs for certain accounts in CONUS are skewed due to the fact that these costs are not directly attributed to government-owned homes and therefore misrepresent the per unit costs for these units.

DEPARTMENT OF THE NAVY
FAMILY HOUSING, NAVY
FY 2022 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - US OVERSEAS

	FY 2020		FY 2021		FY 2022	
A. INVENTORY DATA						
Units in Beginning of Year	1,453		1,451		1,637	
Units at End of Year	1,451		1,637		1,637	
Average Inventory for Year	1,453		1,466		1,637	
a. Average Historic Inventory for Year	(0)		(0)		(0)	
Requiring O&M Funding						
a. Conterminous U.S.	0		0		0	
b. U.S. Overseas	1,453		1,466		1,637	
c. Foreign	0		0		0	
d. Worldwide	0		0		0	
	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	5,977	4,114	4,870	3,322	4,776	2,918
(2) Services	3,376	2,323	4,808	3,280	3,981	2,432
(3) Furnishings	3,439	2,367	4,116	2,808	4,698	2,870
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	12,792	8,804	13,794	9,409	13,455	8,219
Anticipated Reimbursements	1,228	845	2,750	1,876	2,750	1,680
Estimated Gross Obligations	14,020	9,649	16,544	11,285	16,205	9,899
2. UTILITIES	13,414	9,232	22,325	15,229	22,204	13,564
Anticipated Reimbursements	1,005	692	2,250	1,535	2,250	1,374
Estimated Gross Obligations	14,419	9,924	24,575	16,763	24,454	14,938
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	18,274	12,577	15,818	10,790	21,250	12,981
b. Exterior Utilities	0	0	0	0	0	0
c. Maintenance & Repair of Other Real Property	0	0	443	302	0	0
d. Alterations and Additions	3,185	2,192	1,336	911	9,288	5,674
Subtotal Direct Obligations	21,459	14,769	17,597	12,003	30,538	18,655
Anticipated Reimbursements	1,620	1,115	3,963	2,703	4,302	2,628
Estimated Gross Obligations	23,079	15,884	21,560	14,707	34,840	21,283
4. GRAND TOTAL, O&M - Direct Obligations	47,665	32,805	53,716	36,641	66,197	40,438
5. GRAND TOTAL -						
Anticipated Reimbursements	3,853	2,652	8,963	6,114	9,302	5,682
6. GRAND TOTAL, O&M - Gross Obligations	51,518	35,456	62,679	42,755	75,499	46,120

DEPARTMENT OF THE NAVY
FAMILY HOUSING, NAVY
FY 2022 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - FOREIGN

	FY 2020		FY 2021		FY 2022	
A. INVENTORY DATA						
Units in Beginning of Year	5,341		5,266		5,226	
Units at End of Year	5,266		5,226		5,226	
Average Inventory for Year	5,341		5,266		5,226	
a. Average Historic Inventory for Year	(0)		(0)		(0)	
Requiring O&M Funding						
a. Conterminous U.S.	0		0		0	
b. U.S. Overseas	0		0		0	
c. Foreign	5,341		5,266		5,226	
d. Worldwide	0		0		0	
	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	12,144	2,274	10,767	2,045	12,751	2,440
(2) Services	10,530	1,972	9,137	1,735	10,795	2,066
(3) Furnishings	8,577	1,606	10,935	2,077	9,062	1,734
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	31,251	5,851	30,839	5,856	32,608	6,240
Anticipated Reimbursements	1,228	230	2,750	522	2,750	526
Estimated Gross Obligations	32,479	6,081	33,589	6,378	35,358	6,766
2. UTILITIES	25,158	4,710	29,199	5,545	27,182	5,201
Anticipated Reimbursements	1,005	188	2,250	427	2,250	431
Estimated Gross Obligations	26,163	4,899	31,449	5,972	29,432	5,632
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	28,716	5,377	32,366	6,146	28,318	5,419
b. Exterior Utilities	0	0	0	0	0	0
c. Maintenance & Repair of Other Real Property	0	0	1,250	237	0	0
d. Alterations and Additions	44,463	8,325	22,511	4,275	24,189	4,629
Subtotal Direct Obligations	73,179	13,701	56,127	10,658	52,507	10,047
Anticipated Reimbursements	1,340	251	3,000	570	3,000	574
Estimated Gross Obligations	74,519	13,952	59,127	11,228	55,507	10,621
4. GRAND TOTAL, O&M - Direct Obligations	129,588	24,263	116,165	22,059	112,297	21,488
5. GRAND TOTAL -						
Anticipated Reimbursements	3,573	669	8,000	1,519	8,000	1,531
6. GRAND TOTAL, O&M - Gross Obligations	133,161	24,932	124,165	23,579	120,297	23,019

DEPARTMENT OF THE NAVY
FAMILY HOUSING, MARINE CORPS
FY 2022 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - WORLDWIDE

	FY 2020		FY 2021		FY 2022	
A. INVENTORY DATA						
Units in Beginning of Year	1,868		1,869		1,869	
Units at End of Year	1,869		1,869		1,869	
Average Inventory for Year	1,869		1,869		1,869	
a. Average Historic Inventory for Year	(6)		(6)		(6)	
Requiring O&M Funding						
a. Conterminous U.S.	81		81		81	
b. U.S. Overseas	0		0		0	
c. Foreign	1,788		1,788		1,788	
d. Worldwide	1,869		1,869		1,869	
	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	6,362	3,404	5,693	3,046	5,799	3,103
(2) Services	4,482	2,398	2,768	1,481	2,808	1,502
(3) Furnishings	1,336	715	2,304	1,233	2,363	1,264
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	12,180	6,517	10,765	5,760	10,970	5,869
Anticipated Reimbursements	8	4	43	23	45	24
Estimated Gross Obligations	12,188	6,521	10,808	5,783	11,015	5,894
2. UTILITIES	6,218	3,327	6,777	3,626	6,772	3,623
Anticipated Reimbursements	53	28	287	154	297	159
Estimated Gross Obligations	6,271	3,355	7,064	3,780	7,069	3,782
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	7,466	3,995	8,843	4,731	9,412	5,036
b. Exterior Utilities	1,766	945	1,775	950	1,849	989
c. Maintenance & Repair of Other Real Property	524	280	524	280	572	306
d. Alterations and Additions	96	51	97	52	104	56
Subtotal Direct Obligations	9,852	5,271	11,239	6,013	11,937	6,387
Anticipated Reimbursements	267	143	1,445	773	1,469	786
Estimated Gross Obligations	10,119	5,414	12,684	6,787	13,406	7,173
4. GRAND TOTAL, O&M - Direct Obligations	28,250	15,115	28,781	15,399	29,679	15,880
5. GRAND TOTAL -						
Anticipated Reimbursements	328	175	1,775	950	1,811	969
6. GRAND TOTAL, O&M - Gross Obligations	28,578	15,291	30,556	16,349	31,490	16,849

DEPARTMENT OF THE NAVY
FAMILY HOUSING, MARINE CORPS
FY 2022 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - CONUS

	FY 2020		FY 2021		FY 2022	
A. INVENTORY DATA						
Units in Beginning of Year	80		81		81	
Units at End of Year	81		81		81	
Average Inventory for Year	81		81		81	
a. Average Historic Inventory for Year	(6)		(6)		(6)	
Requiring O&M Funding						
a. Conterminous U.S.	81		81		81	
b. U.S. Overseas	0		0		0	
c. Foreign	0		0		0	
d. Worldwide	0		0		0	
	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management*	3,002	37,062	3,044	37,580	3,190	39,383
(2) Services	171	2,111	176	2,173	179	2,210
(3) Furnishings	62	765	85	1,049	85	1,049
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	3,235	39,938	3,305	40,802	3,454	42,642
Anticipated Reimbursements	0	0	0	0	0	0
Estimated Gross Obligations	3,235	39,938	3,305	40,802	3,454	42,642
2. UTILITIES	362	4,469	462	5,704	470	5,802
Anticipated Reimbursements	0	0	2	25	2	25
Estimated Gross Obligations	362	4,469	464	5,728	472	5,827
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	1,264	15,605	2,404	29,679	2,227	27,494
b. Exterior Utilities	23	284	24	296	24	296
c. Maintenance & Repair of Other Real Property	12	148	12	148	12	148
d. Alterations and Additions	8	99	9	111	9	111
Subtotal Direct Obligations	1,307	16,136	2,449	30,235	2,272	28,049
Anticipated Reimbursements	7	86	36	444	38	469
Estimated Gross Obligations	1,314	16,222	2,485	30,679	2,310	28,519
4. GRAND TOTAL, O&M - Direct Obligations	4,904	60,543	6,216	76,741	6,196	76,494
5. GRAND TOTAL -						
Anticipated Reimbursements	7	86	38	469	40	494
6. GRAND TOTAL, O&M - Gross Obligations	4,911	60,630	6,254	77,210	6,236	76,988

* Per Unit Costs for certain accounts in CONUS are skewed due to the fact that these costs are not directly attributed to government-owned homes and therefore misrepresent the per unit costs for these units. These costs include Housing Office Management Staff, Housing Referral Personnel and Services, and Housing Requirements Market Analyses.

DEPARTMENT OF THE NAVY
FAMILY HOUSING, MARINE CORPS
FY 2022 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - US OVERSEAS

	FY 2020		FY 2021		FY 2022	
A. INVENTORY DATA						
Units in Beginning of Year	0		0		0	
Units at End of Year	0		0		0	
Average Inventory for Year	0		0		0	
a. Average Historic Inventory for Year	(0)		(0)		(0)	
Requiring O&M Funding						
a. Conterminous U.S.	0		0		0	
b. U.S. Overseas	0		0		0	
c. Foreign	0		0		0	
d. Worldwide	0		0		0	
	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	350	0	383	0	264	0
(2) Services	0	0	0	0	0	0
(3) Furnishings	273	0	433	0	433	0
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	623	0	816	0	697	0
Anticipated Reimbursements	1	0	5	0	5	0
Estimated Gross Obligations	624	0	821	0	702	0
2. UTILITIES	0	0	0	0	0	0
Anticipated Reimbursements	0	0	0	0	0	0
Estimated Gross Obligations	0	0	0	0	0	0
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	0	0	0	0		0
b. Exterior Utilities	0	0	0	0	0	0
c. Maintenance & Repair of Other Real Property	0	0	0	0	0	0
d. Alterations and Additions	0	0	0	0	0	0
Subtotal Direct Obligations	0	0	0	0	0	0
Anticipated Reimbursements	0	0	0	0	0	0
Estimated Gross Obligations	0	0	0	0	0	0
4. GRAND TOTAL, O&M - Direct Obligations	623	0	816	0	697	0
5. GRAND TOTAL -						
Anticipated Reimbursements	1	0	5	0	5	0
6. GRAND TOTAL, O&M - Gross Obligations	624	0	821	0	702	0

Overseas housing costs include Hawaii management staff, office telephones, housing office utilities (electricity, water, sewage), stock clerk, overseas temporary loaner furnishings moving and handling, loaner furnishing maintenance and repair, and GSA vehicle rental in support of the temporary loaner furnishing program.

DEPARTMENT OF THE NAVY
FAMILY HOUSING, MARINE CORPS
FY 2022 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - FOREIGN

	FY 2020		FY 2021		FY 2022	
A. INVENTORY DATA						
Units in Beginning of Year	1,788		1,788		1,788	
Units at End of Year	1,788		1,788		1,788	
Average Inventory for Year	1,788		1,788		1,788	
a. Average Historic Inventory for Year	(0)		(0)		(0)	
Requiring O&M Funding						
a. Conterminous U.S.	0		0		0	
b. U.S. Overseas	0		0		0	
c. Foreign	1,788		1,788		1,788	
d. Worldwide	0		0		0	
	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)	Total (\$000)	Unit Cost (\$)
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	3,010	1,683	2,266	1,267	2,345	1,312
(2) Services	4,311	2,411	2,592	1,450	2,629	1,470
(3) Furnishings	1,001	560	1,786	999	1,845	1,032
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	8,322	4,654	6,644	3,716	6,819	3,814
Anticipated Reimbursements	7	4	38	21	40	22
Estimated Gross Obligations	8,329	4,658	6,682	3,737	6,859	3,836
2. UTILITIES	5,856	3,275	6,315	3,532	6,302	3,525
Anticipated Reimbursements	53	30	285	159	295	165
Estimated Gross Obligations	5,909	3,305	6,600	3,691	6,597	3,690
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	6,202	3,564	6,439	3,601	7,185	4,018
b. Exterior Utilities	1,743	975	1,751	979	1,825	1,021
c. Maintenance & Repair of Other Real Property	512	382	512	286	560	313
d. Alterations and Additions	88	21	88	49	95	53
Subtotal Direct Obligations	8,545	4,779	8,790	4,916	9,665	5,405
Anticipated Reimbursements	260	285	1,409	788	1,431	800
Estimated Gross Obligations	8,805	4,332	10,199	5,704	11,096	6,206
4. GRAND TOTAL, O&M - Direct Obligations	22,723	12,709	21,749	12,164	22,786	12,744
5. GRAND TOTAL -						
Anticipated Reimbursements	320	179	1,732	969	1,766	988
6. GRAND TOTAL, O&M - Gross Obligations	23,043	12,888	23,481	13,133	24,552	13,732

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
OPERATION AND MAINTENANCE - OPERATIONS

(\$000)

FY 2022 Budget Request	\$88,542
FY 2021 Program Budget	\$86,076

Purpose and Scope

This program provides for expenses in the following sub-accounts:

Management - Includes direct and indirect expenses in managing the family housing program and community housing referral program. Included in this account are costs associated with housing office and community referral office personnel payroll, civilian pay increases, community liaison, training and travel of housing personnel, vehicle leasing, and costs associated with the enterprise Military Housing (eMH) information system Family Housing Module. Also included are costs associated with the Condition Assessment Program, environmental compliance studies, and housing requirements determination market analyses.

Services - Includes direct and indirect expenses incident to providing basic support services such as refuse collection & disposal, pest control, custodial services for common areas, snow removal & street cleaning.

Furnishings - Includes procuring, controlling, inventorying, managing, moving and handling, maintaining, and repairing household equipment (primarily stoves, refrigerators, washers, and dryers). In overseas and foreign locations, added furniture items (e.g., kitchen cabinets, beds, tables, and dressers) are provided on a loaner basis.

Miscellaneous - Includes payments to the US Coast Guard for Navy occupancy of Coast Guard housing.

BLANK PAGE

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
JUSTIFICATION
NAVY**

MANAGEMENT

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2021 President's Budget Request	45,313
2. FY 2021 Appropriated Amount	45,313
3. FY 2021 Current Estimate	45,313
4. Price Growth:	966
a. Civilian Personnel Compensation	664
b. Inflation	302
5. Program Increases:	2,005
a. Historic Execution/Reduced Staffing Vacancies	2,005
6. FY 2022 President's Budget Request	48,284

RATIONALE FOR CHANGES IN THE MANAGEMENT ACCOUNT

Price Growth in the Management account is due to Civilian Personnel Compensation and Inflation adjustments. The Program Increase is based on taking into consideration FY20 Actuals, which occurred after the PB21 Request was submitted, and projecting growth in labor and non-labor costs forward to FY22. As part of the ongoing effort to hire additional staff for the PPV Support program, CNIC has also been striving to fill vacant positions in the Management account as well. This increase in our fill rate of authorized positions results in the need for additional funding than in previous years. While the request is slightly higher than the inflation-adjusted PB21 Request, it fully funds all projected FY22 Management requirements, based on the most recent and accurate data available.

IMPACT OF PRIVATIZATION: None.

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
JUSTIFICATION
NAVY**

SERVICES

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2021 President's Budget Request	13,975
2. FY 2021 Appropriated Amount	13,975
3. FY 2021 Current Estimate	13,975
4. Price Growth:	264
a. Inflation	264
5. Program Increases:	590
a. Historic Execution/Increased Requirements	590
6. FY 2022 President's Budget Request	14,829

RATIONALE FOR CHANGES IN THE SERVICES ACCOUNT

Price Growth in the Services account is due to Inflation adjustments. The Program Increase is based on taking into consideration FY20 Actuals, which occurred after the PB21 Request was submitted, and projecting those Services costs forward to FY22. The minor increase is predominately attributed to increased costs in contractual requirements for refuse collection (based on FY20 Actuals and current FY21 costs) that exceeded the prescribed inflation factors. While the request is slightly higher than the PB21 Request, it fully funds all projected FY22 Services requirements, based on the most recent and accurate data available and ensures that all Services requirements, predominately Refuse Collection, are fully addressed in FY22.

IMPACT OF PRIVATIZATION: None.

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
JUSTIFICATION
NAVY**

FURNISHINGS

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>	
1. FY 2021 President's Budget Request		15,673
2. FY 2021 Appropriated Amount		15,673
3. FY 2021 Current Estimate		15,673
4. Price Growth:		301
a. Civilian Personnel Compensation	14	
b. Inflation	287	
5. Program Decreases:		(1,800)
a. Historic Execution/Reduced Requirements	(1,800)	
6. FY 2022 President's Budget Request		14,174

RATIONALE FOR CHANGES IN THE FURNISHINGS ACCOUNT

Price Growth in the Furnishings account is due to Civilian Personnel Compensation and Inflation adjustments. The Program Decrease is based on taking into consideration FY20 Actuals, which occurred after the PB21 Request was submitted, and projecting those Furnishings costs forward to FY22. Year-to-year there is fluctuation in the amount of replacement furnishings (overseas loaner) and appliances that are purchased, depending on the location and age of existing items. While the request is slightly lower than the PB21 Request, it fully funds all projected FY22 Furnishings requirements, based on the most recent and accurate data available and does not reduce the Navy's ability to provide quality, loaner furniture and appliances to our military families who reside in government-owned housing.

IMPACT OF PRIVATIZATION: None.

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
JUSTIFICATION
NAVY**

MISCELLANEOUS

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>	
1. FY 2021 President's Budget Request		350
2. FY 2021 Appropriated Amount		350
3. FY 2021 Current Estimate		350
4. Price Growth:		6
a. Inflation	6	
5. Program Decreases:		(71)
a. Reduced Requirements	(71)	
6. FY 2022 President's Budget Request		285

RATIONALE FOR CHANGES IN THE MISCELLANEOUS ACCOUNT

Price Growth in the Miscellaneous account is due to Inflation adjustments. The Program Decrease is based on reduced requirements projected in the number of Navy families residing in Coast Guard housing. This reduction results in a minor reduction from the FY21 request but fully funds all projected requirements in this account for FY22.

IMPACT OF PRIVATIZATION: None.

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
JUSTIFICATION
MARINE CORPS**

MANAGEMENT

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2021 President's Budget Request	5,693
2. FY 2021 Appropriated Amount	5,693
3. FY 2021 Current Estimate	5,693
4. Price Growth:	106
a. Civilian Personnel Compensation	83
b. Inflation	23
5. FY 2022 President's Budget Request	5,799

RATIONALE FOR CHANGES IN THE MANAGEMENT ACCOUNT

Price Growth in the Management account is due to Civilian Personnel Compensation and Inflation adjustments.

IMPACT OF PRIVATIZATION: None.

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
JUSTIFICATION
MARINE CORPS**

SERVICES

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2021 President's Budget Request	2,768
2. FY 2021 Appropriated Amount	2,768
3. FY 2021 Current Estimate	2,768
4. Price Growth:	40
a. Inflation	40
5. FY 2022 President's Budget Request	2,808

RATIONALE FOR CHANGES IN THE SERVICES ACCOUNT

Price Growth in the Services account is due to Inflation adjustments.

IMPACT OF PRIVATIZATION: None.

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
JUSTIFICATION
MARINE CORPS**

FURNISHINGS

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2021 President's Budget Request	2,304
2. FY 2021 Appropriated Amount	2,304
3. FY 2021 Current Estimate	2,304
4. Price Growth:	59
a. Civilian Personnel Compensation	9
b. Inflation	50
5. FY 2022 President's Budget Request	2,363

RATIONALE FOR CHANGES IN THE FURNISHINGS ACCOUNT

Price Growth in the Furnishings account is due to Civilian Personnel Compensation and Inflation adjustments.

IMPACT OF PRIVATIZATION: None.

BLANK PAGE

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 2022 BUDGET ESTIMATE
OPERATION AND MAINTENANCE - UTILITIES

(\$000)

FY 2021 Budget Request \$56,271
FY 2020 Program Budget \$58,429

Purpose and Scope

This program provides for utility services for Navy and Marine Corps Family Housing that include electricity, natural gas, propane, steam/hot water, fuel oil, water, and sewage. Utility requirements are estimated based on historic, per unit expenditures that have been adjusted for inflation and for foreign currency adjustments.

The Department of the Navy's Operation and Maintenance program aims to reduce utility consumption through whole-house improvements to improve energy efficiencies, increased management emphasis on energy conservation, and maintenance and repair projects to reduce energy consumption.

BLANK PAGE

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
JUSTIFICATION
NAVY**

UTILITIES

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2021 President's Budget Request	51,652
2. FY 2021 Appropriated Amount	51,652
3. FY 2021 Current Estimate	51,652
4. Price Growth:	981
a. Inflation	981
5. Program Decreases:	(3,134)
a. Historic Execution/Reduced Requirements	(3,134)
6. FY 2022 President's Budget Request	49,499

RATIONALE FOR CHANGES IN THE UTILITIES ACCOUNT

Price Growth in the Utilities account is due to Inflation adjustments. The Program Decrease is based on taking into consideration FY20 Actuals, which occurred after the PB21 Request was submitted, and projecting that consumption and cost forward to FY22. In addition, the FY22 request includes an increase in consumption based on new homes coming online at NSA Andersen, Guam associated with FY17-19 FHCON projects. The overall result is a net decrease in the FY22 budget request. While the request is slightly lower than the PB21 Request, it fully funds all projected FY22 Utilities requirements, based on the most recent and accurate data available.

IMPACT OF PRIVATIZATION: None

BLANK PAGE

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - 2022 BUDGET ESTIMATE
JUSTIFICATION
MARINE CORPS**

UTILITIES

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2021 President's Budget Request	6,777
2. FY 2021 Appropriated Amount	6,777
3. FY 2021 Current Estimate	6,777
4. Program Growth:	129
a. Inflation	129
5. Program Decreases:	(134)
a. Historic Execution/Reduced Requirements	(134)
6. FY 2022 President's Budget Request	6,772

RATIONALE FOR CHANGES IN THE UTILITIES ACCOUNT

Program Growth in Utilities account is due to inflation. The Program Decrease is based on consideration of historic execution and lower projected requirements. The PB22 request will fully fund FY22 projected utilities requirements based on the most recent and accurate data available and does not reduce the Marine Corps ability to provide family housing utilities requirements.

IMPACT OF PRIVATIZATION: None.

BLANK PAGE

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
OPERATION AND MAINTENANCE - MAINTENANCE

(\$000)

FY 2021 Budget Request	\$95,417
FY 2020 Program Budget	\$85,630

Purpose and Scope

This program provides for the maintenance and repair of Family Housing units including: service calls, change of occupancy rehabilitation, routine maintenance, preventative maintenance, interior and exterior painting, exterior utilities, grounds and family housing community facilities, and Major Repairs.

The objective of the Department of the Navy's Maintenance program is to fully fund routine and preventative maintenance necessary to keep adequate homes from falling into disrepair. The Major Repair program is utilized to focus on mechanical, electrical, or structural issues that are too large in scope or too complex to be addressed with routine maintenance funding.

BLANK PAGE

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
JUSTIFICATION
NAVY**

MAINTENANCE

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2021 President's Budget Request	74,391
2. FY 2021 Appropriated Amount	74,391
3. FY 2021 Current Estimate	74,391
4. Price Growth:	1,418
a. Civilian Personnel Compensation	42
b. Inflation	1,376
5. Program Increases:	7,671
a. Additional Major Repair Investment (Guam/Japan)	7,671
6. FY 2022 President's Budget Request	83,480

RATIONALE FOR CHANGES IN THE MAINTENANCE ACCOUNT

Price Growth in the Maintenance account is due to Civilian Personnel Compensation and Inflation adjustments. The Program Increase is based on an adjustment to this account that increases major repair investment, predominately in Guam, that predominately funds additional repair projects at NB Guam and NSA Andersen, but also additional projects throughout the Japan Region. This adjustment brings the FY22 request more in line with prior-year obligations and fully funds all requirements to ensure the Navy maintains the OSD Adequacy Goal of at least 90% of Family Housing with a Condition Index of ≥ 80 .

IMPACT OF PRIVATIZATION: None.

BLANK PAGE

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
JUSTIFICATION
MARINE CORPS**

MAINTENANCE

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2021 President's Budget Request	11,239
2. FY 2021 Appropriated Amount	11,239
3. FY 2021 Current Estimate	11,239
4. Price Growth:	214
a. Civilian Personnel Compensation	4
b. Inflation	210
5. Program Increases:	847
a. DPRI/Guam Preliminary Project Development	847
6. Program Decreases:	(363)
a. Historic Execution/Decreased Requirements	(363)
7. FY 2022 President's Budget Request	11,937

RATIONALE FOR CHANGES IN THE MAINTENANCE ACCOUNT

Program Growth in the Maintenance account are due to Civilian Personnel Compensation and Inflation adjustments. The Program Increase is associated with costs for the preliminary development of projects at NSA Andersen (programmed for FY24 & FY25). The Program Decrease is based on consideration of historic execution and lower projected requirements. The PB22 request will fully fund FY22 projected maintenance requirements based on the most recent and accurate data available and does not reduce the Marine Corps ability to provide family housing maintenance requirements.

IMPACT OF PRIVATIZATION: None.

BLANK PAGE

1. Component DON	FY 2022 MILITARY CONSTRUCTION PROJECT DATA	2. Date MAY 2021																						
3. Installation and Location: NAVAL AND MARINE CORPS INSTALLATIONS INSIDE THE UNITED STATES																								
4. Project Title FAMILY HOUSING REPAIRS GREATER THAN \$20K/UNIT		5. Project Number VARIOUS																						
<div style="text-align: right;">(\$000)</div> <table><tr><td><u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u></td><td><u>CURRENT WORKING ESTIMATE</u></td></tr><tr><td colspan="2"><u>INSIDE THE UNITED STATES</u></td></tr><tr><td colspan="2"><u>DISTRICT OF COLUMBIA</u></td></tr><tr><td>Marine Barracks, 8th & I, Qtrs 2 (TBD Proj#)</td><td>635.0</td></tr><tr><td colspan="2">Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, and service calls. Interim foundation and waterproofing to include repointing of the brick work around the quarters. (Year Built 1908; Per Unit Cost \$635.0, Total SF 6,084)</td></tr><tr><td>Marine Barracks, 8th & I, Qtrs 3 (TBD Proj#)</td><td>635.0</td></tr><tr><td colspan="2">Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, and service calls. Interim foundation and waterproofing to include repointing of the brick work around the quarters resulting from comprehensive study recommendations. (Year Built 1908; Per Unit Cost \$635.0, Total SF 6,084)</td></tr><tr><td colspan="2"><u>OUTSIDE THE UNITED STATES</u></td></tr><tr><td colspan="2"><u>CUBA</u></td></tr><tr><td>NAVSTA Guantanamo Bay (HVAC)</td><td>5,416.0</td></tr><tr><td colspan="2">This project will replace undersized heating, ventilation and air conditioning units at 165 homes in the Villamar, West Iguana, Evans Point and Caravella Point neighborhoods. (Year Built 1985-1988; Per Unit Cost \$32.8, Total SF 222,176)</td></tr></table>			<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>	<u>CURRENT WORKING ESTIMATE</u>	<u>INSIDE THE UNITED STATES</u>		<u>DISTRICT OF COLUMBIA</u>		Marine Barracks, 8 th & I, Qtrs 2 (TBD Proj#)	635.0	Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, and service calls. Interim foundation and waterproofing to include repointing of the brick work around the quarters. (Year Built 1908; Per Unit Cost \$635.0, Total SF 6,084)		Marine Barracks, 8 th & I, Qtrs 3 (TBD Proj#)	635.0	Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, and service calls. Interim foundation and waterproofing to include repointing of the brick work around the quarters resulting from comprehensive study recommendations. (Year Built 1908; Per Unit Cost \$635.0, Total SF 6,084)		<u>OUTSIDE THE UNITED STATES</u>		<u>CUBA</u>		NAVSTA Guantanamo Bay (HVAC)	5,416.0	This project will replace undersized heating, ventilation and air conditioning units at 165 homes in the Villamar, West Iguana, Evans Point and Caravella Point neighborhoods. (Year Built 1985-1988; Per Unit Cost \$32.8, Total SF 222,176)	
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>	<u>CURRENT WORKING ESTIMATE</u>																							
<u>INSIDE THE UNITED STATES</u>																								
<u>DISTRICT OF COLUMBIA</u>																								
Marine Barracks, 8 th & I, Qtrs 2 (TBD Proj#)	635.0																							
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, and service calls. Interim foundation and waterproofing to include repointing of the brick work around the quarters. (Year Built 1908; Per Unit Cost \$635.0, Total SF 6,084)																								
Marine Barracks, 8 th & I, Qtrs 3 (TBD Proj#)	635.0																							
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, and service calls. Interim foundation and waterproofing to include repointing of the brick work around the quarters resulting from comprehensive study recommendations. (Year Built 1908; Per Unit Cost \$635.0, Total SF 6,084)																								
<u>OUTSIDE THE UNITED STATES</u>																								
<u>CUBA</u>																								
NAVSTA Guantanamo Bay (HVAC)	5,416.0																							
This project will replace undersized heating, ventilation and air conditioning units at 165 homes in the Villamar, West Iguana, Evans Point and Caravella Point neighborhoods. (Year Built 1985-1988; Per Unit Cost \$32.8, Total SF 222,176)																								

1. Component DON	FY 2022 MILITARY CONSTRUCTION PROJECT DATA	2. Date MAY 2021
3. Installation and Location: NAVAL AND MARINE CORPS INSTALLATIONS INSIDE THE UNITED STATES		
4. Project Title FAMILY HOUSING REPAIRS GREATER THAN \$20K/UNIT		5. Project Number VARIOUS
<div> <div>(\$000)</div> <div> <div>INSTALLATION/LOCATION/PROJECT DESCRIPTION</div> <div>CURRENT WORKING ESTIMATE</div> </div> </div> <div> <div><u>OUTSIDE THE UNITED STATES</u></div> <div> <div><u>GUAM</u></div> <div> <div> <div>NAVSUPPACT Andersen</div> <div>3,006.3</div> </div> <div>(HA-22-20)</div> <div> <p>This project will demolish concrete wall footing foundations for 64 previously demolished homes in the Roberts Terrace neighborhood. The dwellings no longer exist. Due to the depth of some of the footers, removal of the larger footers was not within the scope of the then-existing demolition projects, therefore leaving the footers for later funding and disposal. Work will include sampling and testing of soil impacted by chlordane and removal and disposal of hazardous materials associated with the demolition work, if required. Site restoration will include spread and compact of backfill materials, spread and compaction of 4-inch thick topsoil and seeding to match existing surrounding area. (Year Built 1956; Per Unit Cost \$47.0, Total SF 95,093.6)</p> </div> </div> </div> <div> <div><u>JAPAN</u></div> <div> <div> <div>NAF Atsugi</div> <div>38,030.0</div> </div> <div>(HA-06-16)</div> <div> <p>This project will revitalize 68 three-bedroom enlisted and officer units in tower building 3102. Renovation and revitalization to include, but not limited to, the following items: Replacement of interior finishes to include flooring, doors, walls, ceiling, windows, sliding glass doors, kitchens, bathrooms and laundry rooms; upgrades to include changing lighting to LED light bulbs, electrical system, potable water system, domestic hot water system, sanitary sewer line, HVAC systems, conduit of CATV and telephone, automatic fire sprinkler and fire alarm system; common space work will include elevator replacement, stairways, lobbies, hallways, mechanical room and multi-purpose room. (Year Built 1997; Per Unit Cost \$559.3, Total SF 145,681)</p> </div> </div> </div> </div>		

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 2022 BUDGET ESTIMATE
GFOQ M&R COST OVER \$35,000 PER UNIT

The Department of the Navy has been making every effort possible to control and reduce expenditures for "high-cost" GFOQ units. The Navy closely monitors all discretionary spending associated with GFOQ units. The Marine Corps has limited its high-cost GFOQ units to five units, all of which are either considered a National Historic Landmark or on the National Register of Historic Places. Both the Navy and the Marine Corps are closely evaluating maintenance and repair requests to ensure work is essential, as well as seeking ways to make these units more energy-efficient and economical to operate.

BLANK PAGE

1. Component NAVY	FY 2022 MILITARY CONSTRUCTION PROJECT DATA					2. Date MAY 2021	
3. Installation and Location: VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES							
4. Project Title GENERAL AND FLAG OFFICER QUARTERS					5. Project Number N/A		
STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
<u>OUTSIDE THE UNITED STATES</u>							
<u>JAPAN</u>							
CFA Yokosuka	11 Nimitz	14,900	6,000	48,700	0	69,600	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls, change of occupancy maintenance, interior painting, exterior painting and grounds maintenance. (Year built: 1992; NSF: 1,921)							
CFA Yokosuka	16 Halsey	13,400	11,400	35,200	0	60,000	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. (Year built: 1940; NSF: 3,223)							
CFA Yokosuka	17 Halsey	15,400	9,700	53,600	0	78,700	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls, change of occupancy maintenance, interior painting and grounds maintenance. (Year built: 1948; NSF: 4,140)							
CFA Yokosuka	18 Halsey	13,900	16,200	55,500	0	85,600	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls change of occupancy maintenance, interior painting and grounds maintenance. (Year built: 1948; NSF: 4,216)							
<u>MARIANAS ISLANDS</u>							
NB Guam	4 Flag Circle	15,100	26,600	110,800	0	152,500	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls maintenance, and grounds maintenance. Major repairs include replacing the air conditioning units and replacing the awning system. (Year built: 1945; NSF: 3,448)							
Andersen AFB	100 Rota Drive	21,400	21,100	85,000	0	127,500	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls, change of occupancy, grounds maintenance and a complete exterior painting. Major repairs include replacing the shutters throughout the house. (Year built: 1960; NSF: 3,343)							

Department of the Navy
Navy General and Flag Officers' Quarters
Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit for Fiscal Year 2022
(Dollars in Thousands)

State/ Country	Installation	Quarters ID	Year Built	Size NSF	Ops Cost	Utility Cost	Maint. Cost	Leasing Cost	Total Costs
Bahrain	NSA Bahrain	Villa 1457	2002	10,300				\$315.1	\$315.1
Cuba	NS Guantanamo Bay	M-101	1941	4,704	\$8.1	\$30.2	\$14.2		\$52.5
Italy	NSA Naples	Villa Capri	2005	2,648				\$59.0	\$59.0
		Villa La Colombaia	1973	8,072				\$284.0	\$284.0
		Villa Marilu	2007	3,615				\$191.5	\$191.5
		Villa Ponza	2005	2,400				\$56.2	\$56.2
		Villa Procida	2005	2,400				\$58.8	\$58.8
		Villa Ventotene	2005	2,400				\$58.8	\$58.8
	NAS Sigonella	102 Hillis Drive	2004	2,564	\$20.9	\$14.6	\$21.9		\$57.4
Japan	CFA Yokosuka	11 Nimitz	1992	1,921	\$14.9	\$6.0	\$48.7		\$69.6
		16 Halsey	1940	3,223	\$13.4	\$11.4	\$35.2		\$60.0
		17 Halsey	1948	4,140	\$15.4	\$9.7	\$53.6		\$78.7
		18 Halsey	1948	4,140	\$13.9	\$16.2	\$55.5		\$85.6
Korea	CFA Chinhae	#101-3701	2009	1,905				\$50.7	\$50.7
Mariana Islands	NB Guam	4 Flag Circle	1945	3,448	\$13.4	\$26.6	\$110.8		\$150.8
	NSA Andersen	1000 Rota St	1960	3,343	\$21.4	\$21.1	\$85.0		\$127.5
Singapore	NRC Singapore	Temasek House	1940	2,217				\$72.2	\$72.2
Totals	GFOQ Units	17							\$1,828.4

Department of the Navy
Navy Privatized General and Flag Officers' Quarters
Operation, Maintenance and Repair Costs Incurred by Private Sector Developer/Partner/Owner
Exceeding \$50K per Housing Unit
for Fiscal Year 2020
(Dollars in Thousands)

State/Country	Installation	Quarters ID	Year Built	Size NSF	Operations Cost	Maint & Repair Cost	Total FH O&M Cost
California	NC San Diego	355 Silvergate*	2009	3,990	\$28.2	\$24.3	\$52.5
	NAS North Island	NASNI BA*	1973	2,987	\$20.3	\$49.4	\$69.7
	NAS North Island	NASNI BB*	1973	2,156	\$21.0	\$48.5	\$69.5
Connecticut	NAS North Island	NASNI V*	1918	5,539	\$23.4	\$30.9	\$54.3
	NB New London	83 Proteus*	2006	2,874	\$4.2	\$480.2	\$484.4
District of Columbia	NSA Washington	A-NAC*	1921	4,724	\$23.6	\$27.6	\$51.2
	NSA Washington	AA-Potomac Annex*	1910	5,632	\$37.6	\$111.3	\$148.9
	NSA Washington	B-NOBSY*	1897	3,273	\$32.3	\$28.5	\$60.8
	NSA Washington	BB-Potomac Annex*	1910	4,654	\$29.9	\$76.3	\$106.2
	NSA Washington	B-WNY*	1801	5,165	\$27.0	\$30.4	\$57.4
	NSA Washington	C-NOBSY*	1900	2,323	\$33.2	\$32.8	\$66.0
	NSA Washington	CC-Potomac Annex*	1910	4,460	\$28.6	\$58.2	\$86.8
	NSA Washington	D-NOBSY*	1946	2,716	\$31.7	\$26.7	\$58.4
	NSA Washington	E-WNY*	1880	3,285	\$25.1	\$47.4	\$72.5
	NSA Washington	F-NOBSY*	1801	5,165	\$30.1	\$21.3	\$51.4
	NSA Washington	F-WNY*	1880	3,271	\$26.4	\$41.9	\$68.3
	NSA Washington	G-WNY*	1890	2,151	\$26.4	\$27.8	\$54.2
	NSA Washington	R-WNY*	1937	4,135	\$25.2	\$56.2	\$81.4
	NSA Washington	Tingey*	1804	8,940	\$114.4	\$239.3	\$353.7
	NSA Washington	U-WNY*	1910	5,632	\$33.1	\$73.0	\$106.1
Florida	NAS Pensacola	A*	1874	7,562	\$13.9	\$213.6	\$227.5
Hawaii	JB Pearl Harbor-Hickam	19 Makalapa*	1950	1,842	\$14.5	\$53.6	\$68.1
	JB Pearl Harbor-Hickam	25 Makalapa*	1941	2,681	\$24.1	\$36.7	\$60.8
	JB Pearl Harbor-Hickam	29 Makalapa*	1941	2,681	\$22.6	\$53.5	\$76.1
	JB Pearl Harbor-Hickam	33 Makalapa*	1941	2,773	\$20.3	\$35.3	\$55.6
	JB Pearl Harbor-Hickam	37 Makalapa*	1941	3,983	\$41.5	\$25.8	\$67.3
	JB Pearl Harbor-Hickam	A Hale Alii*	1914	5,588	\$51.7	\$26.7	\$78.4
	JB Pearl Harbor-Hickam	B Hale Alii*	1914	3,279	\$7.3	\$45.2	\$52.5
	JB Pearl Harbor-Hickam	C Hale Alii*	1914	2,951	\$26.9	\$89.4	\$116.3
	JB Pearl Harbor-Hickam	D Hale Alii*	1914	3,279	\$33.7	\$118.2	\$151.9
	JB Pearl Harbor-Hickam	E Hale Alii*	1914	3,275	\$24.3	\$145.1	\$169.4
	JB Pearl Harbor-Hickam	F Hale Alii*	1914	3,279	\$26.5	\$109.5	\$136.0
	JB Pearl Harbor-Hickam	G Hale Alii*	1914	3,279	\$24.1	\$43.2	\$67.3
	JB Pearl Harbor-Hickam	K Ford Island*	1936	3,789	\$36.4	\$33.5	\$69.9
	JB Pearl Harbor-Hickam	5012 Crommelin St*	1929	2,563	\$15.6	\$48.5	\$64.1
Maryland	USNA/NSA Annapolis	1 Buchanan*	1906	13,048	\$81.9	\$149.7	\$231.6

Department of the Navy
Navy Privatized General and Flag Officers' Quarters
Operation, Maintenance and Repair Costs Incurred by Private Sector Developer/Partner/Owner
Exceeding \$50K per Housing Unit
for Fiscal Year 2020
(Dollars in Thousands)

State/Country	Installation	Quarters ID	Year Built	Size NSF	Operations Cost	Maint & Repair Cost	Total FH O&M Cost
Virginia	NS Norfolk	F-2*	1907	5,852	\$13.7	\$55.3	\$69.0
	NS Norfolk	F-32*	1907	8,415	\$17.1	\$57.9	\$75.0
	NS Norfolk	F-34*	1907	6,048	\$14.7	\$60.9	\$75.6
	NS Norfolk	F-35E*	1907	4,400	\$23.6	\$36.6	\$60.2
	NS Norfolk	G-30*	1907	12,660	\$23.7	\$57.5	\$81.2
	NS Norfolk	H-27*	1909	3,855	\$12.7	\$38.3	\$51.0
	NS Norfolk	M-3*	1907	4,190	\$16.4	\$34.3	\$50.7
	NS Norfolk	M-5*	1907	5,260	\$28.6	\$24.7	\$53.3
	NS Norfolk	M-6*	1907	4,950	\$17.8	\$54.9	\$72.7
	Norfolk Naval Shipyard	B-NNSY*	1830	5,310	\$14.3	\$58.2	\$72.5
Washington	Naval Med Cen Portsmouth	MOQC*	1905	5,218	\$18.0	\$54.0	\$72.0
	NB Kitsap	C*	1896	6,747	\$26.2	\$25.3	\$51.5
	Totals	48			\$1,313.8	\$3,317.4	\$4,631.2

Notes:

- (1) (*) GFOQ units where Utility Costs are included as part of Operation Costs.
(2) This annual report complies with the FY 2009 National Defense Authorization Act (NDAA), amended section 2805 requirement.

1. Component MARINE CORPS	FY 2022 MILITARY CONSTRUCTION PROJECT DATA					2. Date MAY 2021	
3. Installation and Location: VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES							
4. Project Title GENERAL AND FLAG OFFICER QUARTERS						5. Project Number N/A	
STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
<u>INSIDE THE UNITED STATES</u>							
<u>DISTRICT OF COLUMBIA</u>							
Marine Barracks, 8th & I	Qtrs 1	15,700	14,400	198,300	0	228,400	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, and service calls. Interim foundation and waterproofing to include repointing of the brick work around the quarters resulting from comprehensive study recommendations. (Year built: 1908; NSF 7,376; NHR)							
Marine Barracks, 8th & I	Qtrs 4	15,700	9,100	200,700	0	225,500	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, and service calls. Interim foundation and waterproofing to include repointing of the brick work around the quarters resulting from comprehensive study recommendations. (Year built: 1908; NSF 6,084; NHR)							
Marine Barracks, 8th & I	Qtrs 6	17,300	52,500	205,500	0	275,300	
Operations consist of management, services and furnishings. Maintenance & repairs include routine, recurring maintenance, and service calls. Interim foundation and waterproofing to include repointing of the brick work around the quarters resulting from comprehensive study recommendations. (Year built: 1810; NSF 15,605; NHR)							
<u>LOUISIANA</u>							
Marine Reserve Forces New Orleans	Qtrs A	15,700	18,000	102,500	0	136,200	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, and landscaping service calls. Also includes interior painting, a change of occupancy and in-line dehumidifier replacements. (Year built: 1840; NSF 6,483; NHR)							

Department of the Navy
Marine Corps General and Flag Officers' Quarters
Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit for Fiscal Year 2022
(Dollars in Thousands)

State/ Country	Installation	Quarters ID	Year Built	Size NSF	Ops Cost	Utility Cost	Maint. Cost	Leasing Cost	Total Costs
District of Columbia	8th & I Streets	1	1908	7,376	\$15.7	\$14.4	\$198.3	\$0.0	\$228.4
	8th & I Streets	4	1908	6,084	\$15.7	\$9.1	\$200.7	\$0.0	\$225.5
	8th & I Streets	6	1810	15,605	\$17.3	\$52.5	\$205.5	\$0.0	\$275.3
Louisiana	New Orleans	A	1840	6,483	\$15.7	\$18.0	\$102.5	\$0.0	\$136.2
Totals	GFOQ Units	4			\$64.4	\$94.0	\$707.0	\$0.0	\$865.4

Department of the Navy
Marine Corps Privatized General and Flag Officers' Quarters
Operation, Maintenance and Repair Costs Incurred by Private Sector Developer/Partner/Owner
Exceeding \$50K per Housing Unit
for Fiscal Year 2020
(Dollars in Thousands)

State/Country	Installation	Quarters ID	Year Built	Size NSF	Operations Cost	Maint & Repair Cost	Total FH O&M Cost
Virginia	Quantico	15009 Heywood	1920	3,524	\$10.0	\$50.1	\$60.1
California	MCRD San Diego	1 Wharton	1925	3,940	\$39.4	\$226.6	\$266.0
	Camp Pendelton	117 Dolphin (Del Mar)	2006	4,390	\$38.3	\$15.1	\$53.4
	Camp Pendelton	115 Dolphin (Del Mar)	2006	3,889	\$39.6	\$29.4	\$69.0
	Camp Pendelton	207 Nicholas	2007	4,080	\$42.5	\$18.8	\$61.3
Hawaii	MCB Hawaii	511 Nimitz	1941	3,372	\$24.0	\$363.6	\$387.6
	Totals	6			\$193.8	\$703.6	\$897.4

Notes:

- (1) Utility Costs are included in all listed GFOQ Operations Costs.
- (2) This annual report complies with the FY 2009 National Defense Authorization Act (NDAA), amended section 2805 requirement.

BLANK PAGE

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
REIMBURSABLE PROGRAM SUMMARY

(\$000)

FY 2022 Budget Request	\$19,113
FY 2021 Program Budget	\$18,738

Purpose and Scope

The Reimbursable program includes collections received from the rental of DON family housing to foreign national, civilian, and non-DoD personnel (predominately U.S. Coast Guard) and collections for occupant-caused damages.

BLANK PAGE

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
JUSTIFICATION
NAVY**

REIMBURSABLE AUTHORITY

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2021 President's Budget Request	16,963
2. FY 2021 Appropriated Amount	16,963
3. FY 2021 Current Estimate	16,963
4. Price Growth:	339
a. Inflation	339
5. FY 2022 President's Budget Request	17,302

RATIONALE FOR CHANGES IN THE REIMBURSABLE AUTHORITY ACCOUNT

Price Growth in the Reimbursable account is due to Inflation growth.

IMPACT OF PRIVATIZATION: None.

BLANK PAGE

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATES
JUSTIFICATION
MARINE CORPS**

REIMBURSABLE AUTHORITY

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2021 President's Budget Request	1,775
2. FY 2021 Appropriated Amount	1,775
3. FY 2021 Current Estimate	1,775
4. Price Growth:	36
a. Inflation	36
5. FY 2022 President's Budget Request	1,811

RATIONALE FOR CHANGES IN THE REIMBURSABLE AUTHORITY ACCOUNT

Price Growth in the Reimbursable account is due to Inflation.

IMPACT OF PRIVATIZATION: None.

BLANK PAGE

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
DEPARTMENT OF THE NAVY LEASING SUMMARY

(\$000)

FY 2022 Budget Request \$62,567
FY 2021 Program Budget \$62,658

Purpose and Scope

This program provides payment for the costs incurred in leasing family housing units for assignment as public quarters.

Program Summary

	FY 2020			FY 2021			FY 2022		
	Auth Units	Avg Units	Cost (\$000)	Auth Units	Avg Units	Cost (\$000)	Auth Units	Avg Units	Cost (\$000)
Domestic	150	150	2,134	150	150	4,564	150	150	4,651
Navy	150	150	2,134	150	150	4,564	150	150	4,651
Foreign	1,559	1,559	55,646	1,559	1,559	58,094	1,562	1,562	57,916
Navy	1,547	1,547	55,052	1,547	1,547	57,282	1,550	1,550	57,096
USMC	12	12	594	12	12	812	12	12	820
DON Total	1,709	1,709	57,780	1,709	1,709	62,658	1,712	1,712	62,567

Justification

Domestic Leasing Program Summary: The domestic leasing program is authorized in 10 USC 2828 as amended, which limits the number of units authorized at any one time and specifies the maximum cost limitation.

Foreign Leasing: Leasing in foreign countries is authorized in 10 USC 2828, which limits the number of units authorized at any one time and specifies the maximum cost limitation.

Under Title 10 USC 2834, the Secretary concerned may enter into an agreement with the Secretary of State under which the Secretary of State agrees to provide housing and related services for personnel under jurisdiction of the Secretary concerned who are assigned duty in a foreign country. To the extent that the lease amounts for units of housing made available under this subsection exceed maximum lease amounts in Title 10 USC 2828(e)(1), such units shall not be counted in applying the limitations contained in such section on the number of units of family housing for which the Secretary concerned may waive such maximum lease amounts.

BLANK PAGE

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
NAVY LEASING SUMMARY

(\$000)

FY 2022 Budget Request \$61,747
FY 2021 Program Budget \$61,846

Purpose and Scope

This program provides payment for the costs incurred in leasing family housing units for assignment as public quarters.

Program Summary

	FY 2020			FY 2021			FY 2022		
	Auth Units	Avg Units	Cost (\$000)	Auth Units	Avg Units	Cost (\$000)	Auth Units	Avg Units	Cost (\$000)
Domestic	150	150	2,134	150	150	4,564	150	150	4,651
Foreign	1,547	1,547	55,052	1,547	1,547	57,282	1,550	1,550	57,096
Navy Total	1,697	1,697	57,186	1,697	1,697	61,846	1,700	1,700	61,747

Domestic Leasing Program Summary

The domestic leasing program is authorized in 10 USC 2828 as amended, which limits the number of units authorized at any one time and specifies the maximum cost limitation.

Domestic Leasing Fiscal Year Summary

For FY 2022, the Domestic Leasing Program consists of 150 (average) units requiring funding of \$4.651 million for recruiters at high-cost locations not supported by a military installation. This reflects stability in the total number of units anticipated to be required to house recruiters.

Foreign Leasing Program Summary

Leasing in foreign countries is authorized in 10 USC 2828, which limits the number of units authorized at any one time and specifies the maximum cost limitation.

Foreign Leasing Fiscal Year Summary

For FY 2022, the Foreign Leasing Program consists of 1,543 (average) units requiring funding of \$57.096 million. This amount consists of \$53.641 million for 1,494 Foreign Leases and \$3.455 million for 56 Department of State leases.

BLANK PAGE

<p align="center">FAMILY HOUSING - NAVY</p> <p align="center">(Other than Section 801 and Section 802 Units)</p> <p align="center">FY 2022</p>								
Location	FY 2020			FY 2021			FY 2022	
	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months
Domestic Leasing								
Recruiters, Var Locs	150	1,800	2,134	150	1,800	4,564	150	1,800
Total Domestic Leases	150	1,800	2,134	150	1,800	4,564	150	1,800
								4,651

* ~\$2.3M in reimbursable collections were additionally spent on Recruiter Leases in FY20.

<p align="center">FAMILY HOUSING - NAVY</p> <p align="center">(Other than Section 801 and Section 802 Units)</p> <p align="center">FY 2022</p>									
Location	FY 2020			FY 2021			FY 2022		
	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)
Foreign Leasing									
Chinhae, Korea	1	12	47	1	12	48	1	12	49
Manama, Bahrain	1	12	289	1	12	294	1	12	300
Naples, Italy	853	10,236	27,445	853	10,236	28,861	853	10,236	27,869
Sigonella, Italy	526	6,312	17,437	526	6,312	17,751	526	6,312	18,088
Singapore, Singapore	113	1,356	7,071	113	1,356	7,198	113	1,356	7,335
Foreign Leases (Sub-total)	1,494	17,928	52,290	1,494	17,928	54,152	1,494	17,928	53,641
Foreign Leasing (DoS Leases)									
Accra, Ghana	1	12	70	1	12	71	1	12	72
Bandar Seri Begawan, Brunei	1	12	44	1	12	44	1	12	45
Bangkok, Thailand	2	24	66	4	48	253	4	48	258
Belgrade, Serbia	1	12	23	1	12	23	1	12	23
Bogata, Columbia	1	12	72	0	0	0	0	0	0
Cairo, Egypt	7	84	289	7	84	294	7	84	300
Dubai, U.A.E.	2	24	146	2	24	149	2	24	152
East Timor, Indonesia	1	12	11	0	0	0	1	12	15
Hong Kong, China	1	12	136	1	6	73	2	24	298
Jakarta, Indonesia	3	36	146	3	36	83	3	36	85
Kuala Lumpur, Malaysia	1	12	22	1	12	38	1	12	39
Lima, Peru	14	168	718	14	168	731	14	168	745
Manila, Philippines	4	48	207	5	51	318	5	60	382
New Delhi, India	3	36	172	2	24	108	2	24	110
Oslo, Norway	2	24	130	2	24	132	2	24	135
Paris, France	1	12	87	1	12	89	1	12	91
Phnom Penh, Cambodia	3	36	118	3	36	152	3	36	155
Rio de Janeiro, Brazil	2	24	142	2	24	103	2	24	105
Singapore, Singapore	1	12	77	1	4	33	0	0	0
Tbilisi, Georgia	1	12	30	1	12	31	1	12	32
Tokyo, Japan	0	0	0	1	12	225	1	12	229
Victoria, Australia	0	0	0	1	12	139	1	12	142
Wellington, New Zealand	1	12	56	1	12	41	1	12	42
DoS Leases (Sub-total)	53	636	2,762	53	613	3,130	56	672	3,455
Total Foreign Leases	1,547	18,564	55,052	1,547	18,541	57,282	1,550	18,600	57,096

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
JUSTIFICATION
NAVY**

LEASING

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2021 President's Budget Request	61,846
2. FY 2021 Appropriated Amount	61,846
3. FY 2021 Current Estimate	61,846
4. Price Growth:	1,184
a. Civilian Personnel Compensation	58
b. Inflation	1,126
5. Program Decreases	(1,283)
a. Historic Execution/Reduced Requirements	(1,283)
6. FY 2022 President's Budget Request	61,747

RATIONALE FOR CHANGES IN THE LEASING ACCOUNT

Price Growth in the Leasing account is due Civilian Personnel Compensation and Inflation adjustments. The Program Decrease is based on a consideration of historic execution and lower projected requirements. While the request is slightly lower than the PB21 Request, it fully funds all projected FY22 Leasing requirements, based on the most recent and accurate data available and does not reduce the Navy's ability to provide quality, leased housing to our military families.

IMPACT OF PRIVATIZATION: None.

BLANK PAGE

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
MARINE CORPS LEASING SUMMARY

(\$000)

FY 2022 Budget Request \$ 820
FY 2021 Program Budget \$ 812

Purpose and Scope

This program provides payment for the costs incurred in leasing family housing units for assignment as public quarters.

Program Summary

	FY 2020			FY 2021			FY 2022		
	Auth Units	Avg Units	Cost (\$000)	Auth Units	Avg Units	Cost (\$000)	Auth Units	Avg Units	Cost (\$000)
Foreign	12	12	594	12	12	812	12	12	820
USMC Total	12	12	594	12	12	812	12	12	820

Justification

Domestic Leasing Fiscal Year Summary

FY 2020, FY 2021 & FY 2022 - No funding required.

Foreign Leasing Program Summary

Under Title 10 USC 2834, the Secretary concerned may enter into an agreement with the Secretary of State under which the Secretary of State agrees to provide housing and related services for personnel under jurisdiction of the Secretary concerned who are assigned duty in a foreign country. To the extent that the lease amounts for units of housing made available under this subsection exceed maximum lease amounts in Title 10 USC 2828(e)(1), such units shall not be counted in applying the limitations contained in such section on the number of units of family housing for which the Secretary concerned may waive such maximum lease amounts.

Foreign Leasing Fiscal Year Summary

The FY 2022 unit authorization consists of 12 leases provided for members in overseas locations in which the Department of State International Cooperative Administrative Support Services (ICASS) program administers the lease (Foreign Area Officer (FAO), Olmsted Scholar, School of Other Nations program and other Foreign Professional Military Education program) with the Marine Corps providing the appropriated funding. Funding in the amount of \$0.820 million is required to support these leases.

BLANK PAGE

FAMILY HOUSING - MARINE CORPS (Other than Section 801 and Section 802 Units) FY 2022									
Location	FY 2020			FY 2021			FY 2022		
	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)
Foreign Leasing									
* Rio De Janiero, Brazil	2	24	75	1	12	75	1	12	76
* Tel Aviv, Israel	2	24	97	2	24	112	2	24	113
* Amman, Jordan	1	12	47	2	18	51	2	24	52
* Kiev, Ukraine	1	12	71	0	0	0	0	0	0
* Colombo, Sri Lanka	1	12	44	0	0	0	0	0	0
* Paris, France	1	12	60	1	12	93	1	12	93
* Dakar, Senagal	1	12	48	0	0	0	0	0	0
* Rabat, Moracco	1	12	55	0	0	0	0	0	0
* Lima, Peru	2	12	97	2	24	127	2	24	128
* Bogota, Colombia	0	0	0	1	12	107	1	12	108
* Muscat, Oman	0	0	0	1	12	55	1	12	56
* Oslo, Norway	0	0	0	1	15	65	1	12	66
* Buenos Aires, Argentina	0	0	0	1	12	127	1	12	128
Total Foreign Leases	12	132	594	12	141	812	12	144	820

* STATE DEPARTMENT pool leases do not count against the total number of high cost leases allowed.

BLANK PAGE

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
JUSTIFICATION
MARINE CORPS**

LEASING

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2021 President's Budget Request	812
2. FY 2021 Appropriated Amount	812
3. FY 2021 Current Estimate	812
4. Price Growth:	8
a. Inflation	8
5. FY 2022 President's Budget Request	820

RATIONALE FOR CHANGES IN THE LEASING ACCOUNT

Price Growth in the Leasing account is due to Inflation adjustments.

IMPACT OF PRIVATIZATION: None.

BLANK PAGE

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
DEPARTMENT OF THE NAVY PRIVATIZATION SUMMARY

(\$000)

	FY 2022 Budget Request	\$54,544
	FY 2021 Program Budget	\$53,700
FY 2021 Enactment - Family Housing Support and Management Costs*		\$20,000
	Total FY 2021 Appropriation	\$73,700

Purpose and Scope

The Fiscal Year 1996 Military Housing Privatization Initiative (MHPI) included in Public Law 104-106 is an essential tool used by the Department of the Navy (DON) to eliminate inadequate housing. The Privatization Initiative permits DON to enter into business agreements with the private sector, utilizing private sector resources, leveraged by Navy assets (inventory, land, & funding), to improve, replace, and build family housing faster than could otherwise be accomplished through the traditional military construction approach. Private business entities will own, operate, and maintain housing on behalf of the DON and lease quality homes to military personnel and their families at affordable rates.

* Funds provided by Congress in FY 2021 for additional Family Housing support and management are three-year appropriated funds.

Program Summary

Currently, the DON has 40 active Public Private Venture (PPV) projects. The DON took a deliberate, measured approach in evaluating which blend of authorities would provide the desired leverage of resources with sufficient protection of the Government's resources and interests over the long-term. These 40 projects have been executed through FY 2018, totaling over 62,000 homes. This number reflects privatized housing end states. Please see the appropriate Service narrative summary and FH-6 exhibits for project-level details.

Estimated Basic Allowance for Housing (BAH) To Be Paid To Members Living In Privatized Housing

It is estimated that the Department of the Navy will pay basic allowance for housing (BAH) under section 403 of title 37 to members living in privatized housing the amounts of \$1,476,753,459 in FY 2021 and \$1,514,320,688 in FY 2022. The number of units of military family housing upon which these estimated payments are made is 50,533 in FY 2021 and 50,533 in in FY 2022. The number of units of military unaccompanied housing upon which these estimated payments are made is 5,831 in FY 2021 and 5,831 in FY 2022.

These estimates meet the reporting requirement stipulated in 10 USC 2884 (b) (2). However, it must be noted that that is difficult to project the true cost of BAH allowances provided to members living in privatized housing. BAH allowances for members in privatized housing are not specifically tracked in budget or execution data, as these members receive the same allowances as those who live on the economy. BAH accounting data is available for only the various categories of payments (for instance, domestic with and without dependents, partial, overseas housing allowances, etc.).

BLANK PAGE

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
NAVY PRIVATIZATION SUMMARY

(\$000)

	FY 2022 Budget Request	\$34,069
	FY 2021 Program Budget	\$33,627
FY 2021 Enactment - Family Housing Support and Management Costs*		\$17,133
	Total FY 2021 Appropriation	\$50,760

Purpose and Scope

The Fiscal Year 1996 Military Housing Privatization Initiative (MHPI) included in Public Law 104-106 is an essential tool used by the Department of the Navy (DON) to eliminate inadequate housing. The Privatization Initiative permits the Navy to enter into business agreements with the private sector, utilizing private sector resources leveraged by Navy assets (inventory, land, & funding), to improve, replace, and build family housing faster than could otherwise be accomplished through the traditional military construction approach. Private entities will own, operate and maintain housing on behalf of the Navy and lease quality homes to military personnel and their families at affordable rates.

* Funds provided by Congress in FY 2021 for additional Family Housing support and management are three-year appropriated funds.

Program Summary

The Navy successfully awarded the first two Public Private Venture (PPV) projects in 1996 and 1997 at Corpus Christi/Ingleside/Kingsville, Texas, and Everett, Washington, respectively, under 1995 Limited Partnership legislative authority available only to the Navy. The Navy subsequently modified both projects to pay differential lease payments, reducing rents paid by military members and eliminating out-of-pocket expenses. The Department of the Navy (DON) took a deliberate, measured approach in evaluating which blend of authorities would provide the desired leverage of resources with sufficient protection of the Government's resources and interests over the long-term. With this approach in place, the Navy has awarded twenty-one additional projects; three in FY 2001, two in FY 2002, one in FY 2003, one in FY 2004, three in FY 2005, three in FY 2006, three in FY 2007, two in FY 2010, one in FY 2014, one in FY 2017, and one in FY 2018 for a total of 39,055 homes. Total Navy projects awarded are:

FY 1996	Kingsville, TX (Kingsville I)	0 homes**
FY 1997	Everett, WA (Everett I)	0 homes***
FY 2001	Kingsville, TX (Kingsville II)	150 homes
	Everett, WA (Everett II)	0 homes****
	San Diego I	3,248 homes
FY 2002	New Orleans	936 homes
	South Texas	417 homes
FY 2003	San Diego II	3,217 homes
FY 2004	Hawaii I	1,952 homes
FY 2005	Northeast Region	2,950 homes
	Northwest Region	2,745 homes
	Mid-Atlantic Region	5,744 homes
FY 2006	Midwest Region	1,401 homes

	San Diego III	4,268 homes
	Hawaii III	2,520 homes
FY 2007	Southeast Region	4,673 homes
	San Diego PH IV	3,523 homes
	Midwest Region PH II	318 homes
FY 2010	Mid-Atlantic PH II	31 homes
	San Diego PH V	257 homes
FY 2014	Northwest Region PH II	624 homes
FY 2017	Mid-Atlantic PH V	-5 homes
FY 2018	San Diego PH VI	86 homes

** Project originally 404 homes, however all homes have since been sold.

*** Project originally 185 homes, however all homes have since been sold.

**** Project originally 288 homes, however all homes have since been sold.

In FY 2018, the Navy awarded San Diego PH VI, which conveyed 127 existing units and projects an end-state of 86 homes. Additionally, in FY 2017 the Navy awarded Mid-Atlantic PH V, which demolishes five homes located in the Runway Clear Zone at NAS Patuxent River. This will give the Navy an EOY 2018 PPV end-state of 39,055 homes. The FH-6 - Family Housing Privatization Exhibit provides further detail.

There are an additional 646 Navy homes that were privatized within another Service's project, not included in the tables. There is an Army RCI project (Presidio of Monterey) that includes the privatization of 593 Navy homes at Monterey, CA and a Marine Corps project (Atlantic Marines PH III/CLCPS Phase IV/Tri-Command Communities) that includes the privatization of 53 Navy homes at Beaufort, SC.

PPV is one of the approaches to eliminate inadequate homes. The Navy is utilizing a three-pronged approach for eliminating inadequate homes including reliance on Basic Allowance for Housing (BAH), PPVs, and traditional construction funding.

Estimated Basic Allowance for Housing (BAH) To Be Paid To Members Living In Privatized Housing

It is estimated that the Navy will pay basic allowance for housing (BAH) under section 403 of title 37 to members living in privatized housing the amounts of \$984,310,071 in FY 2021 and \$1,010,477,849 in FY 2022. The number of units of military family housing upon which these estimated payments are made is 30,890 in FY 2021 and 30,890 in FY 2022. The number of units of military unaccompanied housing upon which these estimated payments are made is 5,831 in FY 2021 and 5,831 in FY 2022.

These estimates meet the reporting requirement stipulated in 10 USC 2884(b)(2). However, it must be noted that it is difficult to project the true cost of BAH allowances provided to members living in privatized housing. BAH allowances for members in privatized housing are not specifically tracked in budget or execution data, as these members receive the same allowances as those who live on the economy. BAH accounting data is available for only the various categories of payments (for instance, domestic with and without dependents, partial, overseas housing allowances, etc.).

DEPARTMENT OF NAVY, NAVY
Exhibit FH-6 Military Housing Privatization Initiative (MHPI) - I

Privatization Date ¹	MHPI Project Name ²	Installation/State ³	Approved by OSD & OMB ⁴				Actual/Current Plan ⁸										MHPI Authorities ¹⁵
			No. Units Conveyed ¹	No. End State Units ⁶	Amount (\$M) ^{7a}	Budget Year(s) ^{7b}	Type of Funds ^{7c}	Source Project Name ^{7d}	No. Units Conveyed ⁹	No. End State Units ¹⁰	Total No. Units In Current Inventory ¹¹	Amount (\$M) ¹²	Budget Year(s) ¹²	Type of Funds ¹²	Source Project Name ¹²		
Jul-96	Kingsville I	Kingsville/Portland, TX	0	404	\$9,500 \$1,800 \$6,700	FY96 FY95 FY96	FHIF FHNC FHNC	PL 104-32 H291 CMP Pendleton H314 PWC San Diego	0	0	0	\$9,500 \$1,800 \$6,700	FY96 FY95 FY96	FHIF FHNC FHNC	PL 104-32 H291 CMP Pendleton H314 PWC San Diego	#3 & 10 USC 2837, 2880, 2881	
Mar-97	Everett I	NS Everett, WA	0	185	\$3,000 \$2,900 \$2,600 \$4,300 \$2,400	FY96 FY97 FY99 FY97	FHNC FHNC FHIF FHNC	H314 PWC San Diego H315 PWC San Diego PL 105-237 H400 NAS Kingsville H400 NAS Kingsville	0	0	150	\$2,900 \$2,600 \$4,300 \$2,400	FY97 FY99 FY97	FHNC FHIF FHNC	H315 PWC San Diego PL 105-237 H400 NAS Kingsville H400 NAS Puget Sound	#4 & 10 USC 2837	
Nov-00	Kingsville II	NS Kingsville, TX	244	150	\$15,000 \$3,400 \$0,500	FY99 FY99 FY99	FHIF FHIF FHIF	PL 105-237 H379 NPWC Pearl Harbor H379 NPWC Pearl Harbor	244	0	0	\$15,000 \$3,400 \$0,500	FY99 FY99 FY99	FHIF FHIF FHIF	PL 105-237 H379 NPWC Pearl Harbor H379 NPWC Pearl Harbor	#1, #3, #5 & 10 USC 2880, 2881	
Dec-00	Everett II	NS Everett, WA	0	288	\$3,400 \$0,500	FY99 FY99	FHIF FHIF	PL 105-237 H379 NPWC Pearl Harbor	0	0	0	\$3,400 \$0,500	FY99 FY99	FHIF FHIF	PL 105-237 H379 NPWC Pearl Harbor	#3, #4 & 10 USC 2880, 2881	
Aug-01	San Diego PH I	NS San Diego, CA PH I	2,660	3,248	\$11,900 \$9,000	FY98 FY99	FHNC FHIF	H-571 PWC San Diego PL 100-202	2,660	3,248	3,248	\$11,900 \$9,000	FY98 FY99	FHNC FHIF	H-571 PWC San Diego PL 100-202	#3, #5 & 10 USC 2880, 2881	
Oct-01	New Orleans	NS New Orleans, LA	498	941	\$6,200 \$11,900 \$5,000	FY97 FY98 FY01	FHNC FHNC FHNC	H-365 MCAS Beaufort H-389 NAS New Orleans H-535 NSA New Orleans	498	936	936	\$6,200 \$11,900 \$5,000	FY97 FY98 FY01	FHNC FHNC FHNC	H-365 MCAS Beaufort H-389 NAS New Orleans H-535 NSA New Orleans	#3, #5 & 10 USC 2880, 2881	
Feb-02	South Texas	NAS Corpus Christi, TX NS Ingleside, TX	537	665	\$22,300 \$7,100	FY98 N/A	FHNC FHIF	H-581 NAS Corpus Christi H-365 MCAS Beaufort	465	417	417	\$22,300 \$7,100	FY98 N/A	FHNC FHIF	H-581 NAS Corpus Christi H-365 MCAS Beaufort	#3, #5 & 10 USC 2880, 2881	
May-03	San Diego PH I	NS San Diego, CA PH II	3,302	3,217	\$0,000	N/A	N/A	No DoN Contribution	3,302	3,217	3,217	\$0,000	N/A	N/A	No DoN Contribution	#3, #5 & 10 USC 2880, 2881, 2882(c)	
May-04	Hawaii Regional PH I	NAVSTA Pearl Harbor PH I	2,003	1,948	\$24,742 \$0,258	FY03 FY03	FHIMP P&D	H-1-03 - Pearl Harbor PPV Seed N/A	2,003	1,952	1,952	\$24,742 \$0,258	FY03 FY03	FHIMP P&D	H-1-03 - Pearl Harbor PPV Seed N/A	#3, #5 & 10 USC 2872(a), 2880, 2881, 2883	
Nov-04	Northeast Regional	Lakehurst, NJ New London, CT NAVSTA Newport, RI NSV Pensacola, NH NSU Saratoga Springs, NY Mitchel Complex NRD NY NAVAWPNSTA Earle, NJ NAS Brunswick, ME	5,601	4,264	\$0,000	N/A	N/A	No DoN Contribution				\$0,000	N/A	N/A	No DoN Contribution	#3, #5 & 10 USC 2872(a), 2880, 2881	
Feb-05	Northwest Regional PH I	NS Kitsap-Bangor, WA NS Kitsap-Bremerton, WA NAS Whidbey, WA NS Everett, WA	3,098	2,985	\$10,112 \$5,762	FY01 FY02	P&D FHIMP	N/A H-1-01-03 - San Diego, CA				\$10,112 \$5,762	FY01 FY02	P&D FHIMP	N/A H-1-01-03 - San Diego, CA	#3, #5 & 10 USC 2872(a), 2880, 2881, 2882(c)	
Aug-05	Micr-Atlantic Regional	Hampton Roads, VA USNA Annapolis, MD NSWC Dahlgren, VA NSWC Indian Head, MD NAS Patuxent River, MD Timber House, WNY DC NSG4 Sugar Grove, WV	5,773	6,702	\$0,000	N/A	N/A	No DoN Contribution				\$0,000	N/A	N/A	No DoN Contribution	#3, #5 & 10 USC 2872(a), 2880, 2881	
Jan-06	Midwest Regional PH I	N. Chicago, IL FL Sheridan, IL Post-BRAC Land NAS Glenview, IL NSWC Crane, IN NS San Diego, CA NAB Coronado, CA NAVSUBASE San Diego, CA Naval Command Control & Ocean Surveillance Center Naval Medical Center, San Diego MCAS Miramar	2,764	1,658	\$24,079	FY02	FHNC	H-642 - New London, CT				\$24,079	FY02	FHNC	H-642 - New London, CT	#3, #5 & 10 USC 2872(a), 2880, 2881, 2883	
May-06	San Diego PH III	NCTAMS PAC, Oahu, HI PMRF Barking Sands, Kauai NAS Pensacola, FL NAS Whiting Field, FL NSA Panama City, FL NWS Charleston, SC NS Mayport, FL NAS Jacksonville, FL NSB Kings Bay, GA NAS Key West, FL NASURB Ft Worth, TX NAS Meridian, MS NCBC Gulfport, MS	2,667	4,268	\$0,000	N/A	N/A	No DoN Contribution			2,670	\$0,000	N/A	N/A	No DoN Contribution	#3, #5 & 10 USC 2872(a), 2880, 2881	
Sep-06	Hawaii Regional PH III	NAVSTA Pearl Harbor, NSV PH NCTAMS PAC, Oahu, HI PMRF Barking Sands, Kauai NAS Pensacola, FL NAS Whiting Field, FL NSA Panama City, FL NWS Charleston, SC NS Mayport, FL NAS Jacksonville, FL NSB Kings Bay, GA NAS Key West, FL NASURB Ft Worth, TX NAS Meridian, MS NCBC Gulfport, MS	2,489	2,517	\$0,000	N/A	N/A	No DoN Contribution			2,536	\$0,000	N/A	N/A	No DoN Contribution	#3, #5 & 10 USC 2872(a), 2880, 2881	
Sep-07	Southeast Regional	NAVSTA Pearl Harbor, NSV PH NCTAMS PAC, Oahu, HI PMRF Barking Sands, Kauai NAS Pensacola, FL NAS Whiting Field, FL NSA Panama City, FL NWS Charleston, SC NS Mayport, FL NAS Jacksonville, FL NSB Kings Bay, GA NAS Key West, FL NASURB Ft Worth, TX NAS Meridian, MS NCBC Gulfport, MS	7,178	5,269	\$19,900 \$8,400	FY07 FY09	FHNC FHIMP	H-439 - Gulfport MS H-01-07 - SE Region PPV Seed H-1-09 - Gulfport, MS				\$10,700 \$8,400	FY06 FY09	FHNC FHIMP	H-439 - Gulfport MS H-01-07 - SE Region PPV Seed H-1-09 - Gulfport, MS	#3, #5 & 10 USC 2872(a), 2880, 2881, 2883	
1	1																

**DEPARTMENT OF NAVY, NAVY
Exhibit FH-6 Military Housing Privatization Initiative (MHPI) - Family Housing Privatization
Fiscal Year 2022**

Privatization Date ¹	MHPI Project Name ²	Installation/State ³	Approved by OSD & OMB ⁴					Funding Source(s) ⁷					Actual/Current Plan ⁸					MHPI Authorities ¹³	
			No. Units Conveyed ⁵	No. End State Units ⁶	Amount (\$M) ^{9a}	Budget Year(s) ^{7b}	Type of Funds ^{7c}	Source Project Name ^{7d}	No. Units Conveyed ⁹	No. End State Units ¹⁰	Total No. Units in Current Inventory ¹¹	Amount (\$M) ¹²	Budget Year(s) ¹²	Type of Funds ¹²	Source Project Name ¹²				
Sep-07	San Diego PH IV	NAWS China Lake, CA	3,550	3,532	\$0.000	N/A	N/A	No DoN Contribution	192	192	192	\$0.000	N/A	N/A	No DoN Contribution	#3, #5 & 10 USC 2872(a), 2880, 2881			
		NAS Lemoore, CA							1,590	1,590									
		NAVBASE Ventura County, CA							1,240	1,222									
		NAF El Centro, CA							101	101									
		NAVWPNSTA Seal Beach, CA							197	188									
Sep-07	Midwest Regional PH II	NAS Fallon, NV	401	318	\$7,867	FY03	FHNC	H-643 - Lemoore, CA	230	230	230	\$7,867	FY03	FHNC	H-643 - Lemoore, CA	#3, #5 & 10 USC 2872(a), 2880, 2881, 2883			
		NSA Mid-South, Millington, TN							401	318	\$0,888						FY03	FHNC	H-595 - Pascagoula, MS
											\$1,014						FY03	P&D	N/A
											\$12,231						FY06	FHIMP	H-04-97 - Atsugi, Japan
Feb-10	Mid-Atlantic Regional PH II	NSA Mechanicsburg, PA	92	31	\$0.000	N/A	N/A	No DoN Contribution	55	31	31	\$0.000	N/A	N/A	No DoN Contribution	#3, #5 & 10 USC 2872(a), 2880, 2881, 2883			
Feb-10	San Diego PH V	NSA Washington DC	260	258	\$0.000	N/A	N/A	No DoN Contribution	258	256	253	\$0.000	N/A	N/A	No DoN Contribution	#3, #5 & 10 USC 2872(a), 2880, 2881, 2883			
		NSA Annapolis, MD							1	1	1								
Jun-14	Northwest Regional PH II	Bangor/Bremerton, WA	870	485	\$27,500	FY13	FHIMP	HP-13-03 - Jackson Park, WA	870	624	789	\$27,500	FY13	FHIMP	HP-13-03 - Jackson Park, WA	#3, #5 & 10 USC 2872(a), 2880, 2881, 2883(c), 2883			
					\$10,500	FY13	FHIF	Everett I Sale Proceeds				\$10,486	FY13	FHIF	Everett I/Ferndale Sale Proceeds				
												\$0,014	FY11	FHIMP	H-11-02 - Sasabo, Japan				
Jan-17	Mid-Atlantic Regional PH V	NAS Patuxent River, MD	(5)	(5)	\$2,080	FY12	FHIMP	HD-12-01 - Guantanamo Bay, Cuba	(5)	(5)	(5)	\$2,080	FY12	FHIMP	HD-12-01 - Guantanamo Bay, Cuba	#3, 10 USC 2883			
Mar-18	San Diego PH VI	NAVBASE Ventura County, CA	127	86	\$0.000	N/A	N/A	No DoN Contribution	127	86	86	\$0.000	N/A	N/A	No DoN Contribution	#3, #5 & 10 USC 2872(a), 2880, 2881, 2883			
Grand Totals ¹⁴			44,109	43,414	\$325,753				43,993	39,055	38,773	\$325,853							

NOTES:

- The date the real property is transferred (land and family housing units) to the private owner/developer, and when service members become entitled to receive Basic Allowance for Housing (BAH).
- Provide the name of the MHPI Project given to the privatization project, including the name given to integrated/grouped projects. The MHPI project name should be consistent with the MHPI project name used in the previously approved OSD/OMB Scoring report and/or subsequent notification to Congress.
- List the MHPI project location by installation and state, including each installation/state incorporated into the integrated/grouped MHPI project.
- This section relates the previously-approved OSD/OMB project scope and funding amounts contained in the scoring package and/or subsequent Notification of Funds Transfer letters to Congress.
- Provide the number of family housing units to be conveyed by installation and state to the Developer, including each installation and state incorporated into the integrated/grouped MHPI project, as previously approved in the OSD/OMB Scoring report.
- Provide the end state number of family housing units by installation and state to the Developer, including each installation/state incorporated into the integrated/grouped MHPI project, as previously approved in the OSD/OMB Scoring report.
- Provide all of the funding source information for the MHPI project as reflected in the previously-approved OSD/OMB report and consistent with the project summary details accompanying the Notification of Transfer letter to Congress, such as:
 - The amount of funds to be used for the Government's cost of the project (i.e., equity contribution, credit subsidy costs, differential lease payments, etc.).
 - The fiscal year(s) of the funding sources to be used to cover the Government's cost of the MHPI project.
 - The type of funds (e.g., FH New Construction, FH Construction Improvements, FH Improvement Funds) to be used to cover the Government's cost of the MHPI project.
 - The project(s) that are used to source the Government's cost of the privatization project.
- This section relates to the Military Departments' actual and/or current plan, which might or might not be consistent with the details contained in the previously-approved OSD/OMB Scoring report and project summary to Congress for the MHPI project due to extenuating circumstances.
- Provide the actual and/or revised planned number of family housing units conveyed to the Developer by installation and state, including each installation/state incorporated into the integrated/grouped MHPI project.
- Provide the actual and/or revised, planned number of family housing end state units by installation and state, including each installation/state incorporated into the integrated/grouped MHPI project.
- Provide the total number of privatized family housing units in the inventory for each MHPI project by installation/state, including each installation/state incorporated into the integrated/grouped MHPI project.
- Provide all the "actual and/or current" funding sources used to fund the MHPI project, which might or might not be consistent with the details contained in the previous-approved OSD/OMB Scoring report and project summary (i.e., project amount, budget year of funds, source project, appropriation) to Congress for the MHPI project due to extenuating circumstances. If possible and/or available, please provide the requested funding information by installation/state.
- Provide the applicable MHPI authorities in subchapter IV of Chapter 169 in title 10 U.S.C. was used and/or proposed to be used for the privatization project. Designators are as follows:
 - 1 = 10 USC 2873 - Government Direct Loans
 - 2 = 10 USC 2873 - Loan Guarantees
 - 3 = 10 USC 2875 - Investments, such as DoD Equity Contributions in non-governmental entities
 - 4 = 10 USC 2877 - Differential Lease Payments
 - 5 = 10 USC 2878 - Conveyance or Lease of Existing Property and Facilities
- Totals of number of units conveyed, number of end state units, and funding amounts.

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
JUSTIFICATION
NAVY**

PRIVATIZATION SUPPORT COSTS

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2021 President's Budget Request	33,627
2. FY 2021 Appropriated Amount	50,760
3. FY 2021 Current Estimate	50,760
4. Price Growth:	1,152
a. Civilian Personnel Compensation	967
b. Inflation	185
5. Program Decreases:	(17,843)
a. FY 2021 NDAA - Oversight and Inspection of PPV Housing	(17,133)
b. Historic Execution/Reduced Requirements	(710)
6. FY 2022 President's Budget Request	34,069

RATIONALE FOR CHANGES IN THE PRIVATIZATION SUPPORT ACCOUNT

Price Growth in the Privatization Support account is due to Civilian Personnel Compensation and Inflation adjustments. The Program Decreases are associated with the fact that the FY 2021 NDAA provided \$20.0M in three-year appropriated funds (of which ~\$17.1M was provided to the Navy) to provide better oversight, inspection, and advocacy for military families who reside in Public Private Venture housing, and a minor decrease based on a consideration of historic execution and projected requirements. While the request is lower than the PB21 Request (adjusted for inflation), it fully funds all projected FY22 PPV Support requirements, based on the most recent and accurate data available and does not reduce the Navy's ability to provide proper support to our military families and oversight of our PPV homes.

BLANK PAGE

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
MARINE CORPS PRIVATIZATION SUMMARY

(\$000)

	FY 2022 Program	\$20,475
	FY 2021 Program	\$20,073
FY 2021 Enactment - Family Housing Support and Management Costs*		\$2,867
Total FY 2021 Appropriation		\$22,940

Purpose and Scope

The Fiscal Year 1996 Military Housing Privatization Initiative (MHPI) included in Public Law 104-106 is an essential tool used by the Department of the Navy (DON) to eliminate inadequate housing. The Privatization Initiative permits the Marine Corps to enter into business agreements with the private sector to utilize private sector resources, leveraged by DON assets (inventory, land and funding), to improve, replace, and build family housing faster than could otherwise be accomplished through the traditional military construction approach. Private business entities will own, operate and maintain housing and lease quality homes to military personnel and their families at affordable rates.

* Funds provided by Congress in FY 2021 for additional Family Housing support and management are three-year appropriated funds.

Program Summary

Overall, the Marine Corps has awarded the following 20 Family Housing projects (inclusive of phases), privatizing approximately 23,000 units (99.6 percent of the Marine Corps United States inventory):

FY 2001	Camp Pendleton 1 (Deluz)	712 homes
FY 2003	Beaufort / Parris Island (Merged with CLCPS Phase III / Atlantic Marines III)	1,718 homes
FY 2004	Camp Pendleton 2 / Quantico I	4,536 homes
FY 2005	Camp Pendleton 2 / Quantico II	897 homes
FY 2006	Camp Lejeune / Cherry Point / Stewart I (Atlantic Marines I)	3,124 homes
	Camp Pendleton 2 / Quantico III	1,488 homes
	Camp Lejeune / Cherry Point / Stewart II (Atlantic Marines II)	1,186 homes
	Camp Pendleton 2 / Quantico IV	3,160 homes
	Hawaii II	1,175 homes
FY 2007	Camp Lejeune / Cherry Point / Stewart III (Atlantic Marines III)	2,031 homes
FY 2007	Camp Pendleton 2 / Quantico V	253 homes
	Hawaii IV	917 homes
FY 2009	Mid-Atlantic Region III	260 homes
FY 2010	Camp Pendleton 2 / Quantico VI	139 homes
	Camp Pendleton 2 / Quantico VII	172 homes
	Mid-Atlantic Region IV	300 homes
	Camp Pendleton 2 / Quantico VIII	600 homes
	Hawaii V	224 homes
FY 2013	Camp Lejeune / Cherry Point / Stewart IV (Atlantic Marines IV)	1 home

FY 2015	Hawaii VI	260 homes
FY 2016	Camp Pendleton 2/ Quantico IX	-118 homes

Nineteen of the projects (inclusive of phases) have completed their Initial Development Plans (IDPs). Over 17,300 homes have been constructed or renovated thus far under the IDPs.

All installations with privatized housing show a marked increase in resident satisfaction since privatization. Feedback from residents of existing privatized housing not only continues to be positive, particularly in areas relating to quality of services and responsiveness of property management.

The Marine Corps' PPV portfolio continues to explore energy initiatives that make fiscal sense. The Resident Energy Conservation Program (RECP) is promoting and rewarding the frugal and responsible use of energy by the residents, and continues to save the USMC PPV portfolio millions of dollars a year. Recently, the Marine Corps' PPV projects are exploring opportunities to enter into Power Purchase Agreements (PPA) utilizing solar power from panels installed on the PPV housing roofs. MCB Hawaii PPV housing already has a 5mW existing PPA.

The Marine Corps is constantly incorporating lessons learned from the expanding portfolio of the Department of Navy awarded projects to refine its Privatization Portfolio Management Program. Projects are developed with a business-based approach and structured to ensure rents and reasonable utilities do not exceed a service member's basic allowance for housing rate, and ensure sufficient cash flow exists to adequately operate, maintain and revitalize the inventory over the life of the 50-year business agreement.

Recent congressional and media interests have led to concentrated efforts by all services including the Marine Corps to focus additional oversight and policy updates to privatization management program. The Marine Corps will continue to participate in all OSD initiatives with the intended result of an improved quality of life for its families.

The Marine Corps has successfully collaborated with its Naval partners and both improved the effectiveness of its portfolio management and enhanced the level of oversight provided.

Estimated Basic Allowance for Housing (BAH) To Be Paid To Members Living In Privatized Housing

It is estimated that the Marine Corps will pay basic allowance for housing (BAH) under section 403 of title 37 to members living in privatized housing the amounts of \$492,443,388 in FY 2021 and \$503,842,839 in FY 2022. The number of units of military family housing upon which these estimated payments are made is 19,643 in FY 2021 and 19,643 in FY 2022. The number of units of military unaccompanied housing upon which these estimated payments are made is 0 in FY 2021 and 0 in FY 2022.

These estimates meet the reporting requirement stipulated in 10 USC 2884(b)(2). However, it must be noted that it is difficult to project the true cost of BAH allowances provided to members living in privatized housing. BAH allowances for members in privatized housing are not specifically tracked in budget or execution data, as these members receive the same allowances as those who live on the economy. BAH accounting data is available for only the various categories of payments (for instance, domestic with and without dependents, partial, overseas housing allowances, etc.).

DEPARTMENT OF NAVY, MARINE CORPS
Exhibit FH-6 Military Housing Privatization Initiative (MHPI) - Family Housing Privatization
Fiscal Year 2022

Privatization Date ¹	MHPI Project Name ²	Installation/State ³	Approved by OSD & OMB ⁴				Funding Source(s) ⁷				No. Units Conveyed ⁸	No. End State Units ⁹	No. Units Conveyed ⁸	No. End State Units ⁹	Actual/Current Plan ⁸				MHPI Authorities ¹³	
			Amount (\$M) ^{5a}	Budget Year(s) ^{7b}	Type of Funds ^{7c}	Source Project Name ^{7d}	Amount (\$M) ¹²	Budget Year(s) ¹²	Type of Funds ¹²	Source Project Name ¹²					Amount (\$M) ¹²	Budget Year(s) ¹²	Type of Funds ¹²	Source Project Name ¹²		
Nov-00	Camp Pendleton I (Deluz)	MCB Camp Pendleton, CA	512	712		FHNC	MCB Camp Pendleton H-318		512	712		FHNC	MCB Camp Pendleton H-318		712		FHNC	MCB Camp Pendleton H-318	#1, #6 and 10 USC 2872a, 2880, 2881, 2882(c), 2883	
		MCAS Beaufort, SC	1,275	1,405		FHNC	MCB Camp Pendleton H-364		1,275	1,405		FHNC	MCB Camp Pendleton H-364		1,276		FHNC	MCB Camp Pendleton H-364		
Mar-03	Atlantic Marines PH III (CLCPS Phase IV) (Tri-Command Communities)	MCRD Parris Island, SC	230	260		FHIMP	MCAS Beaufort BE-H-9601-R2		230	260		FHIMP	MCAS Beaufort BE-H-9601-R2		260		FHIMP	MCAS Beaufort BE-H-9601-R2		
		NH Beaufort, SC	53	53		FHIMP	MCRD Parris Island PI-H-9602-		53	53		FHIMP	MCRD Parris Island PI-H-9602-		53		FHIMP	MCRD Parris Island PI-H-9602-		
							FHIMP	M2/PLH-9603-R2					FHIMP	M2/PLH-9603-R2				FHIMP	M2/PLH-9603-R2	
							FHIMP	MCRD Parris Island PI-H-0001-M2					FHIMP	MCRD Parris Island PI-H-0001-M2				FHIMP	MCRD Parris Island PI-H-0001-M2	
							FHNC	NS Pearl Harbor HI H-381					FHNC	NS Pearl Harbor HI H-381				FHNC	NS Pearl Harbor HI H-381	
							FHNC	NS Pearl Harbor HI H-591					FHNC	NS Pearl Harbor HI H-591				FHNC	NS Pearl Harbor HI H-591	
		MCB Camp Pendleton, CA	3,205	3,281		FHIMP	MCAS Beaufort BE-H-9601-R2		3,205	3,283		FHIMP	MCAS Beaufort BE-H-9601-R2		3,284		FHIMP	MCAS Beaufort BE-H-9601-R2		
		MCRD San Diego, CA	5	5		FHNC	NPWC Pearl Harbor		5	5		FHNC	NPWC Pearl Harbor		5		FHNC	NPWC Pearl Harbor		
		MCAMWTC Bridgeport CA	110	111		FHIMP	MCAS Beaufort BE-H-9601-R2		110	111		FHIMP	MCAS Beaufort BE-H-9601-R2		111		FHIMP	MCAS Beaufort BE-H-9601-R2		
		MCB Quantico, VA	1,311	1,137		FHIMP	MCB Camp Pendleton PE-H-0020-M2		1,311	1,137		FHIMP	MCB Camp Pendleton PE-H-0020-M2		1,139		FHIMP	MCB Camp Pendleton PE-H-0020-M2		
Oct-03	Camp Pendleton 2+ PH I				FHIMP	MCAS Cherry Point CP-H-0110-M2					FHIMP	MCAS Cherry Point CP-H-0110-M2				FHIMP	MCAS Cherry Point CP-H-0110-M2			
					FHIMP	MCAS Iwakuni, JA IW-H-9502-R2					FHIMP	MCAS Iwakuni, JA IW-H-9502-R2				FHIMP	MCAS Iwakuni, JA IW-H-9502-R2			
					FHIMP	MCAS Iwakuni, JA IW-H-9901-R2					FHIMP	MCAS Iwakuni, JA IW-H-9901-R2				FHIMP	MCAS Iwakuni, JA IW-H-9901-R2			
					FHIMP	MCAS Iwakuni, JA IW-H-0001-R2					FHIMP	MCAS Iwakuni, JA IW-H-0001-R2				FHIMP	MCAS Iwakuni, JA IW-H-0001-R2			
					FHIMP	MCAS Iwakuni, JA IW-H-9902-R2					FHIMP	MCAS Iwakuni, JA IW-H-9902-R2				FHIMP	MCAS Iwakuni, JA IW-H-9902-R2			
					FHIMP	MCAS Iwakuni, JA IW-H-0201-R2					FHIMP	MCAS Iwakuni, JA IW-H-0201-R2				FHIMP	MCAS Iwakuni, JA IW-H-0201-R2			
					FHIMP	MCRD Parris Island PI-H-9602-					FHIMP	MCRD Parris Island PI-H-9602-				FHIMP	MCRD Parris Island PI-H-9602-			
					FHIMP	M2/PLH-9603-R2					FHIMP	M2/PLH-9603-R2				FHIMP	M2/PLH-9603-R2			
					FHIMP	MCAGCC Twentyline Palms TP-H-701-M2					FHIMP	MCAGCC Twentyline Palms TP-H-701-M2				FHIMP	MCAGCC Twentyline Palms TP-H-701-M2			
					FHNC	MCB Quantico H-557					FHNC	MCB Quantico H-557				FHNC	MCB Quantico H-557			
Oct-04	Camp Pendleton 2+ PH II				FHIMP	MCB Camp Pendleton PE-PPV					FHIMP	MCB Camp Pendleton PE-PPV				FHIMP	MCB Camp Pendleton PE-PPV			
					FHNC	MCB Quantico H-620					FHNC	MCB Quantico H-620				FHNC	MCB Quantico H-620			
					FHNC	MCB Camp Pendleton					FHNC	MCB Camp Pendleton				FHNC	MCB Camp Pendleton			
		MCAS Yuma, AZ	821	821		Design	Various		821	821		Design	Various		821		Design	Various		
		MCB Camp Pendleton, CA	76	76		Design	Various		76	76		Design	Various		76		Design	Various		
					Design	Various					Design	Various				Design	Various			
					FHIMP	NAS Pensacola					FHIMP	NAS Pensacola				FHIMP	NAS Pensacola			
					Design	Various					Design	Various				Design	Various			
					FHIMP	MCAS Yuma YU-H-0401					FHIMP	MCAS Yuma YU-H-0401				FHIMP	MCAS Yuma YU-H-0401			
					FHIMP	MCAGCC 29 Palms TP-H-0501					FHIMP	MCAGCC 29 Palms TP-H-0501				FHIMP	MCAGCC 29 Palms TP-H-0501			
Oct-05	Camp Pendleton 2+ PH III	MOBCOM Kansas City, MO	1,567	1,411		FHIMP	MCAGCC 29 Palms TP-H-0501		1,567	1,411		FHIMP	MCAGCC 29 Palms TP-H-0501		1,467		FHIMP	MCAGCC 29 Palms TP-H-0501	#3, #6 and 10 USC 2872a, 2880, 2881, 2883	
		MCB Camp Lejeune, NC	234	77		FHNC	MCRSC Kansas City KC-H-0501		234	77		FHNC	MCRSC Kansas City KC-H-0501		77		FHNC	MCRSC Kansas City KC-H-0501		
Oct-05	Atlantic Marines PH I (CLCPS Phase I)	MCAS Cherry Point, NC	2,291	2,378		FHNC	MCAS Cherry Point H-609		2,137	2,227		FHNC	MCAS Cherry Point H-609		2,225		FHNC	MCAS Cherry Point H-609		
		MCAS New River, NC	591	507		FHIMP	MCB Camp Lejeune LE-H-0501		591	466		FHIMP	MCB Camp Lejeune LE-H-0501		468		FHIMP	MCB Camp Lejeune LE-H-0501		
Sep-06	Camp Pendleton 2+ PH IV		433	370					323	260					260					
Sep-06	Atlantic Marines PH II (CLCPS Phase II)	MCB Camp Lejeune, NC	388	388		FHIMP	MCB Camp Pendleton PE-H-0601		539	504		FHIMP	MCB Camp Pendleton PE-H-0601		504		FHIMP	MCB Camp Pendleton PE-H-0601	#3, #6 and 10 USC 2872a, 2880, 2881, 2883	
		MCAS Cherry Point, NC	800	566		Design	MCAS Cherry Point		778	568		Design	MCAS Cherry Point		561		Design	MCAS Cherry Point		
Sep-06	Hawaii Regional PH II	MCAS New River, NC	0	0		FHIMP	MCB Hawaii HI-H-0601		110	89		FHIMP	MCB Hawaii HI-H-0601		89		FHIMP	MCB Hawaii HI-H-0601		
		MCB Hawaii, HI	1,175	1,175		FHIMP	MCB Hawaii HI-H-0601		1,175	1,175		FHIMP	MCB Hawaii HI-H-0601		1,175		FHIMP	MCB Hawaii HI-H-0601		
Sep-07	Hawaii Regional PH IV	MCB Hawaii, HI	1,142	917		FHIMP	MCB Hawaii HI-H-0701		1,142	917		FHIMP	MCB Hawaii HI-H-0701		917		FHIMP	MCB Hawaii HI-H-0701	#3, #6 and 10 USC 2872a, 2880, 2881, 2883	
Sep-07	Atlantic Marines PH III (CLCPS Phase III)	MCB Camp Lejeune, NC	1,207	1,212		FHIMP	MCB Camp Lejeune LE-H-0701		1,206	1,398		FHIMP	MCB Camp Lejeune LE-H-0701		1,398		FHIMP	MCB Camp Lejeune LE-H-0701		
		MCAS Cherry Point, NC	1,092	649		FHIMP	MCB Camp Lejeune LE-H-0701		1,120	509		FHIMP	MCB Camp Lejeune LE-H-0701		509		FHIMP	MCB Camp Lejeune LE-H-0701		
Sep-07	Camp Pendleton 2+ PH V	Westover AFB, MA	124	124		FHIMP	MCB Camp Pendleton PE-H-0701		124	124		FHIMP	MCB Camp Pendleton PE-H-0701		124		FHIMP	MCB Camp Pendleton PE-H-0701		
		MCB Camp Pendleton, CA	0	141		FHIMP	MCB Camp Pendleton PE-H-0701		0	143		FHIMP	MCB Camp Pendleton PE-H-0701		143		FHIMP	MCB Camp Pendleton PE-H-0701		
Sep-07	Camp Pendleton 2+ PH V		110	110		FHIMP	MCAS Cherry Point H-608		250	110		FHIMP	MCAS Cherry Point H-608		110		FHIMP	MCAS Cherry Point H-608		
		MCLB Albany, GA	250	110		FHIMP	MCAS Iwakuni, JA IW-H-0303-R2		250	110		FHIMP	MCAS Iwakuni, JA IW-H-0303-R2		110		Design	Various		

DEPARTMENT OF NAVY, MARINE CORPS
Exhibit FH-6 Military Housing Privatization Initiative (MHPI) - Family Housing Privatization
Fiscal Year 2022

Privatization Date ¹	MHPI Project Name ²	Installation/State ³	Approved by OSD & OMB ⁴					Actual/Current Plan ⁸					MHPI Authorities ¹³	
			No. Units Conveyed ⁵	No. End State Units ⁶	Funding Source(s) ⁷			No. Units Conveyed ⁹	No. End State Units ¹⁰	Funding Source(s) ¹²				
					Amount (\$M) ^{1a}	Budget Year(s) ^{7b}	Type of Funds ^{7c}			Amount (\$M) ¹²	Budget Year(s) ¹²	Type of Funds ¹²		Source Project Name ¹²
Dec-09	Mid-Atlantic Regional PH III	MCB Camp Lejeune, NC	0	451	\$87.951	FY08	FHIMP	0	260	\$87.951	FY08	FHIMP	MCB Camp Lejeune LE-H-0801	#3, #5 and 10 USC 2872a, 2880, 2881, 2883
Jan-10	Camp Pendleton 2+ PH VI	MCAGCC 29 Palms, CA	0	125-285	\$50.000	FY08	FHIMP	0	139	\$50.000	FY08	FHIMP	MCAGCC 29 Palms TP-H-0801	#3, #6 and 10 USC 2872a, 2880, 2881, 2883
					\$1.074	GWOT	\$1.074			GWOT	MCAGCC 29 Palms TP-H-0802			
					\$25.175	FY08	FHIMP			\$25.175	FY08	FHIMP	MCB Camp Pendleton PE-H-0801	
Jan-10	Camp Pendleton 2+ PH VII	MCB Camp Pendleton, CA	0	367	\$25.000	FY08	FHIMP	0	172	\$25.000	FY08	FHIMP	MCB Camp Pendleton PE-H-0802	#3, #6 and 10 USC 2872a, 2880, 2881, 2883
					\$10.692	GWOT	\$10.692			GWOT	MCB Camp Pendleton PE-H-0803			
					\$81.987	FY09	FHIMP			\$81.987	FY09	FHIMP	MCB Camp Lejeune LE-H-0901	
Sep-10	Mid-Atlantic Regional PH IV	MCB Camp Lejeune, NC	0	394	\$81.987	FY09	FHIMP	0	300	\$81.987	FY09	FHIMP	MCB Camp Lejeune LE-H-0901	#3, #6 and 10 USC 2872a, 2880, 2881, 2883
Sep-10	Camp Pendleton 2+ PH VIII	MCAGCC 29 Palms, CA	0	600	\$49.600	FY09	FHIMP	0	600	\$49.600	FY09	FHIMP	MCAGCC 29 Palms TP-H-1001	#3, #6 and 10 USC 2872a, 2880, 2881, 2883
Sep-10	Hawaii Regional PH V	MCB Hawaii, HI	0	244	\$60.000	FY09	FHIMP	0	224	\$60.000	FY09	FHIMP	MCB Hawaii HI-H-1201	#3, #6 and 10 USC 2872a, 2880, 2881, 2883
Mar-13	Atlantic Marines PH IV (CLCPS PH V)	MCB Camp Lejeune, NC	0	136				0	136					#3, #6 and 10 USC 2872a, 2880, 2881, 2883
		MCAS Beaufort, SC	0	(136)			0	(136)						
		MCAS Cherry Point NC	0	0			0	0						
		MCRD Parris Island, SC	1	1			1	1						
Sep-15	Hawaii Regional PH VI	MCB Hawaii, HI	276	260	\$68.953	FY11	FHIMP	276	260	\$68.953	FY11	FHIMP	MCB Camp Lejeune LE-H-1101	#3, #6 and 10 USC 2872a, 2880, 2881, 2883
					\$26.695	FY11	FHIMP			\$26.695	FY11	FHIMP	MCB Camp Pendleton PE-H-1101	
Dec-15	Camp Pendleton 2+ PH IX	MCB Camp Pendleton, CA	0	231	\$54.141	FY09	FHIMP	0	(118)	\$54.141	FY09	FHIMP	MCB Camp Pendleton PE-H-0901	#3, #6 and 10 USC 2872a, 2880, 2881, 2883
Grand Totals ¹⁴			22,239	23,892-24,052	\$1,187,126			22,231	23,002	\$1,187,126				

NOTES:

- The date the real property is transferred (land and family housing units) to the private owner/developer, and when service members become entitled to receive Basic Allowance for Housing (BAH).
- Provide the name of the MHPI Project given to the privatization project, including the name given to integrated/grouped projects. The MHPI project name should be consistent with the MHPI project name used in the previously approved OSD/OMB Scoring report and/or subsequent notification to Congress.
- List the MHPI project location by installation and state, including each installation/state incorporated into the integrated/grouped MHPI project.
- This section relates the previously approved OSD/OMB project scope and funding amounts contained in the scoring package and/or subsequent Notification of Funds Transfer letters to Congress.
- Provide the number of family housing units to be conveyed by installation and state to the Developer, including each installation/state incorporated into the integrated/grouped MHPI project, as previously approved in the OSD/OMB Scoring report.
- Provide the end state number of family housing units by installation and state to the Developer, including each installation/state incorporated into the integrated/grouped MHPI project, as previously approved in the OSD/OMB Scoring report.
- Provide all of the funding source information for the MHPI project as reflected in the previously approved OSD/OMB report and consistent with the project summary details accompanying the Notification of Transfer letter to Congress, such as:
 - The amount of funds to be used for the Government's cost of the project (i.e., equity contribution, credit subsidy costs, differential lease payments, etc.).
 - The fiscal year(s) of the funding sources to be used to cover the Government's cost of the MHPI project.
 - The type of funds (e.g., FH New Construction, FH Construction Improvements, FH Improvement Funds) to be used to cover the Government's cost of the MHPI project.
 - The project(s) that are used to source the Government's cost of the privatization project.
 - This section relates to the Military Departments' actual and/or current plan, which might or might not be consistent with the details contained in the previously approved OSD/OMB Scoring report and project summary to Congress for the MHPI project due to extenuating circumstances.
 - Provide the actual and/or revised planned number of family housing units conveyed to the Developer by installation and state, including each installation/state incorporated into the integrated/grouped MHPI project.
 - Provide the actual and/or revised, planned number of family housing end state units by installation and state, including each installation/state incorporated into the integrated/grouped MHPI project.
 - Provide the total number of privatized family housing units in the inventory for each MHPI project by installation/state, including each installation/state incorporated into the integrated/grouped MHPI project, regardless if they are currently occupied or not.
 - Provide all the "actual and/or current" funding sources used to fund the MHPI project, which might or might not be consistent with the details contained in the previously approved OSD/OMB Scoring report and project summary (i.e., project amount, budget year of funds, source project, appropriation) to Congress for the MHPI project due to extenuating circumstances. If possible and/or available, please provide the requested funding information by installation/state.
 - Provide the applicable MHPI authorities in subchapter IV of Chapter 169 in title 10 U.S.C. was used and/or proposed to be used for the privatization project. Designators are as follows:
 - = 10 USC 2873 - Government Direct Loans
 - = 10 USC 2873 - Loan Guarantees
 - = 10 USC 2875 - Investments, such as DoD Equity Contributions in non-governmental entities
 - = 10 USC 2877 - Differential Lease Payments
 - = 10 USC 2878 - Conveyance or Lease of Existing Property and Facilities
 - Totals of number of units conveyed, number of end state units, and funding amounts.

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 2022 BUDGET ESTIMATE
JUSTIFICATION
MARINE CORPS**

PRIVATIZATION SUPPORT COSTS

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>	
1. FY 2021 President's Budget Request		20,073
2. FY 2021 Appropriated Amount		22,940
3. FY 2021 Current Estimate		22,940
4. Price Growth:		402
a. Civilian Personnel Compensation	355	
b. Inflation	47	
5. Program Decreases:		(2,867)
a. FY21 Congressional Add	(2,867)	
6. FY 2022 President's Budget Request		20,475

RATIONALE FOR CHANGES IN THE PRIVATIZATION SUPPORT ACCOUNT

Price Growth in the Privatization Support account is due to Civilian Personnel Compensation and Inflation adjustments. The Program Decrease is associated with the fact that the FY 2021 NDAA provided \$20.0M in three-year appropriated funds (of which ~\$2.9M was provided to the Marine Corps) to provide better oversight,

BLANK PAGE

FOREIGN CURRENCY EXCHANGE DATA
FY 2022 BUDGET SUBMISSION
(\$000)

Appropriation: Family Housing, Navy

	FY 2020			FY 2021			FY 2022		
	U.S. \$ Requiring Conversion	Budget Exchange Rate Used		U.S. \$ Requiring Conversion	Budget Exchange Rate Used		U.S. \$ Requiring Conversion	Budget Exchange Rate Used	
Country									
FHCON									
Japan (Yen)	9,802.0	111.1542		37,043.0	107.9114		61,469.0	106.4531	
Spain (Euro)	15,140.0	0.8587		0.0	0.8978		0.0	0.8978	
SUBTOTAL - FHCON	24,942.0			37,043.0			61,469.0		
FHOPS									
Greece (Euro)	99.6	0.8587		101.8	0.8978		103.8	0.8703	
Italy (Euro)	38,352.7	0.8587		38,216.7	0.8978		38,981.0	0.8703	
Japan (Yen)	29,730.1	111.1542		29,644.5	107.9114		30,237.4	106.4531	
Norway (Krone)	59.3	8.1941		60.8	8.8810		62.0	9.3841	
Singapore (Dollar)	4,934.3	1.3620		5,033.3	1.3713		5,133.9	1.3826	
South Korea (Won)	425.3	1,112.2819		434.5	1,186.8982		443.1	1,190.9227	
Spain (Euro)	3,475.6	0.8587		3,625.1	0.8978		3,697.6	0.8703	
SUBTOTAL - FHOPS	77,076.8			77,116.5			78,658.8		
TOTAL FH,N	102,018.8			114,159.5			140,127.8		

BLANK PAGE

FOREIGN CURRENCY EXCHANGE DATA
FY 2022 BUDGET SUBMISSION
(\$000)

Appropriation: Family Housing, USMC

	FY 2020			FY 2021			FY 2022		
	U.S. \$ Requiring Conversion	Budget Exchange Rate Used		U.S. \$ Requiring Conversion	Budget Exchange Rate Used		U.S. \$ Requiring Conversion	Budget Exchange Rate Used	
FHCON									
Japan (Yen)	16,856.0	111.1542		0.0	107.9114		0.0	106.4531	
SUBTOTAL - FHCON	16,856.0			0.0			0.0		
FHOPS									
Japan (Yen)	6,862.3	111.1542		6,810.6	107.9114		6,570.7	106.4531	
SUBTOTAL - FHOPS	6,862.3			6,810.6			6,570.7		
TOTAL FH,MC	23,718.3			6,810.6			6,570.7		

BLANK PAGE